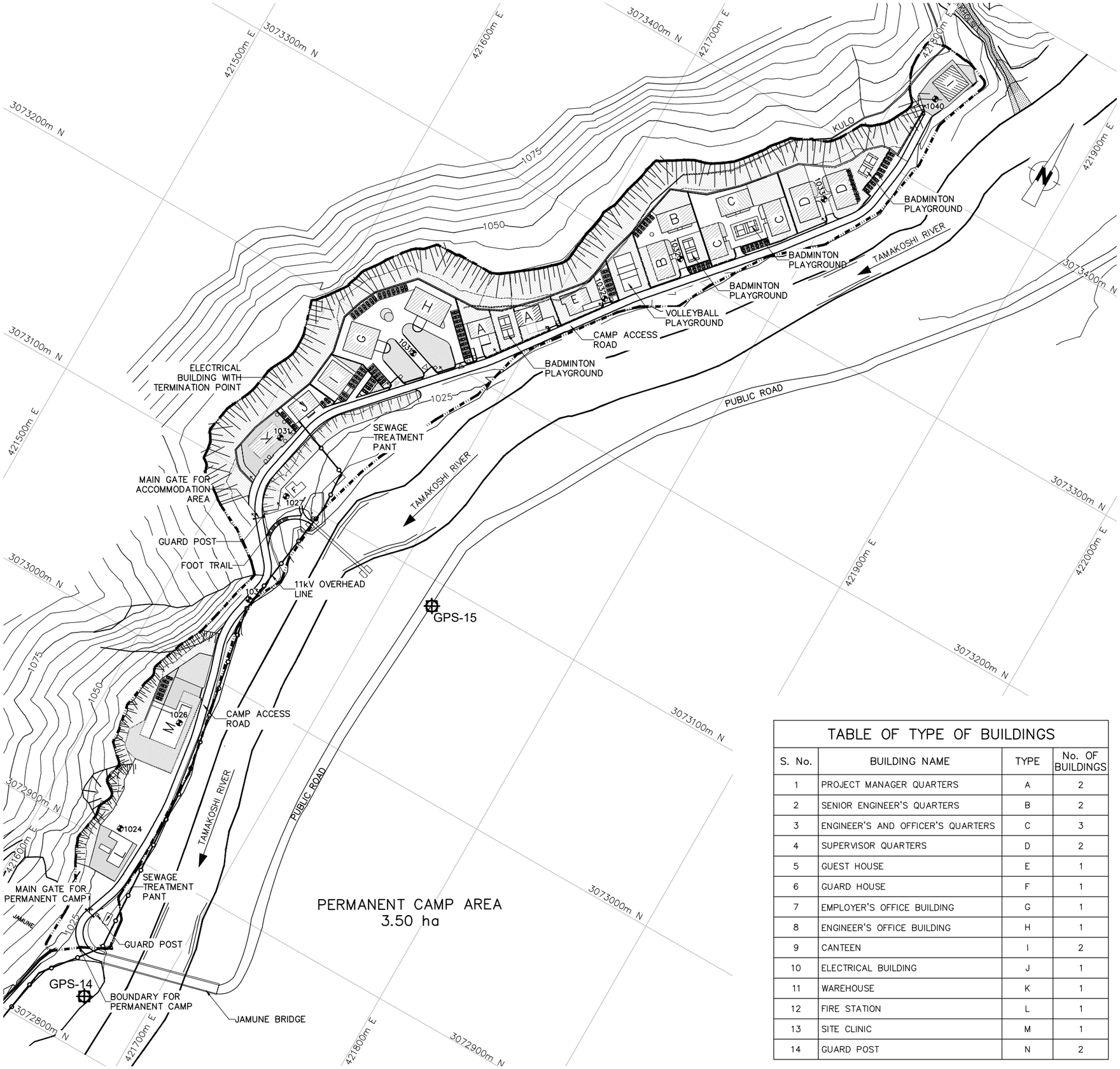


NOTES:

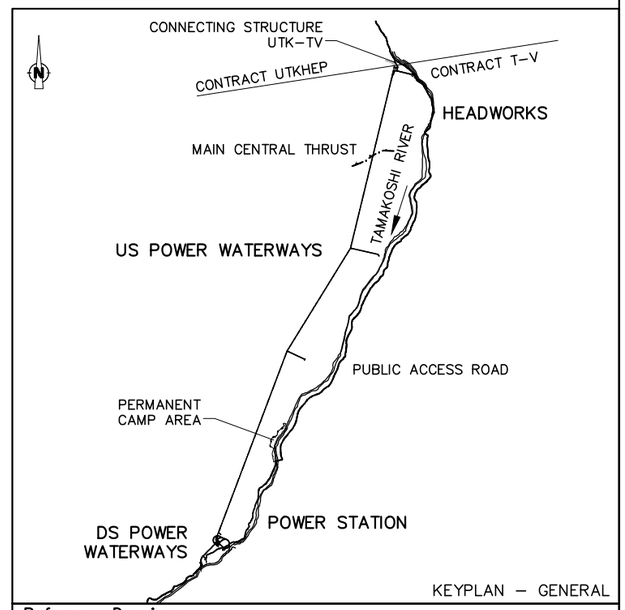
1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO-ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

LEGEND:

- CAMP BOUNDARY
- SUSPENSION BRIDGE
- PARKING AREA
- STREET LAMP
- ELEVATION

SCALE 1:2000

−20 0 20 40 60 80 100 [m]



KEYPLAN – GENERAL

TABLE OF TYPE OF BUILDINGS

S. No.	BUILDING NAME	TYPE	No. OF BUILDINGS
1	PROJECT MANAGER QUARTERS	A	2
2	SENIOR ENGINEER'S QUARTERS	B	2
3	ENGINEER'S AND OFFICER'S QUARTERS	C	3
4	SUPERVISOR QUARTERS	D	2
5	GUEST HOUSE	E	1
6	GUARD HOUSE	F	1
7	EMPLOYER'S OFFICE BUILDING	G	1
8	ENGINEER'S OFFICE BUILDING	H	1
9	CANTEEN	I	2
10	ELECTRICAL BUILDING	J	1
11	WAREHOUSE	K	1
12	FIRE STATION	L	1
13	SITE CLINIC	M	1
14	GUARD POST	N	2

Reference Drawings

Drwg. No.	Title

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

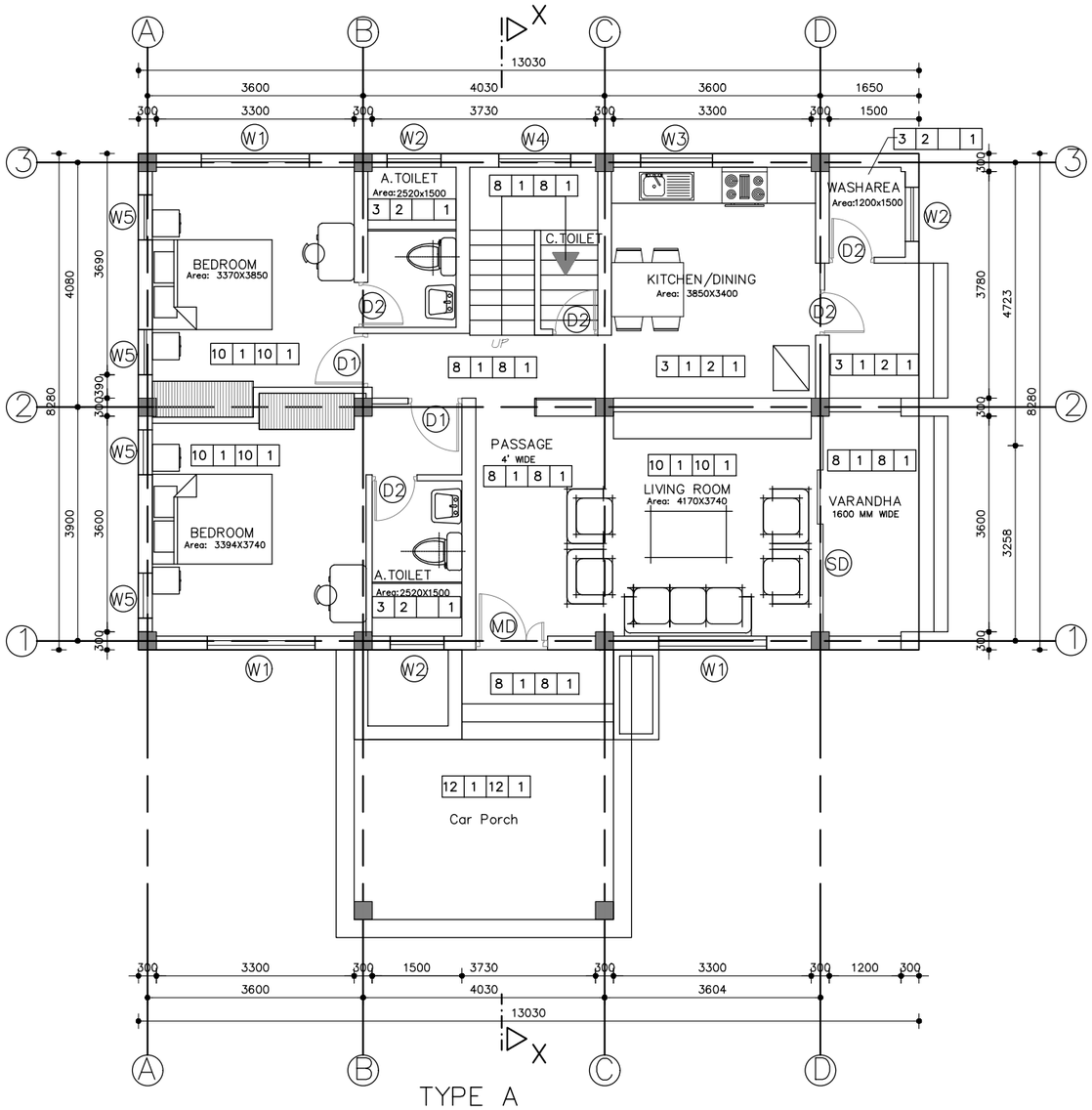
ACCOMMODATION BUILDING GENERAL

CAMP LAYOUT

PROJECT DRAWING

Scale A3: 1:2000

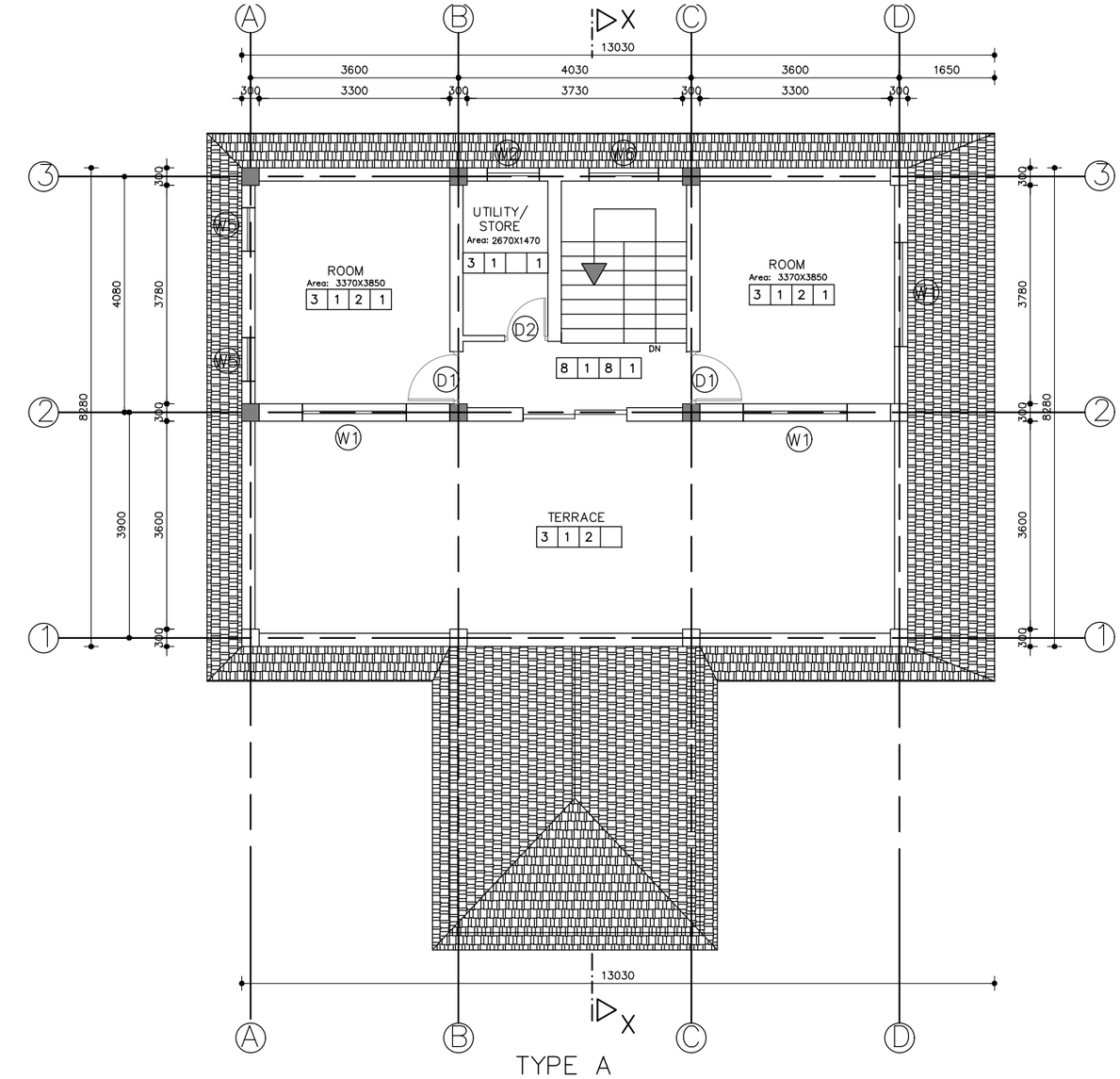
Drwg. No.: 31-00053-DD-5310- Q 1610 REV. –



TYPE A

GROUND FLOOR PLAN

AREA: 107.8 m2



TYPE A

FIRST FLOOR PLAN

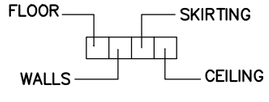
AREA: 50.50 m2

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1200 x 2100	1
2.	D1	DOOR	900 x 2100	4
3.	D2	DOOR	750 x 2100	5
4.	SD1	"	3600 x 2100	1
5.	SD2	"	1800 x 2100	1
6.	W1	WINDOW	1800 x 1350	6
7.	W2	"	900 x 1350	4
8.	W3	"	1200 x1350	1
9.	W4	"	1200 x1050	1
10.	W5	"	750 x1350	6
11.	W6	"	1200 x1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1620	PERMANENT CAMP AND ROADS, TYPE A, ELEVATION AND SECTION, SHEET 2 OF 2

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD- File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE A

GROUND AND FIRST FLOOR PLAN

SHEET 1 OF 2

PROJECT DRAWING

Drwg. No.: 31-00053-DD-5310-Q 1620 REV. A



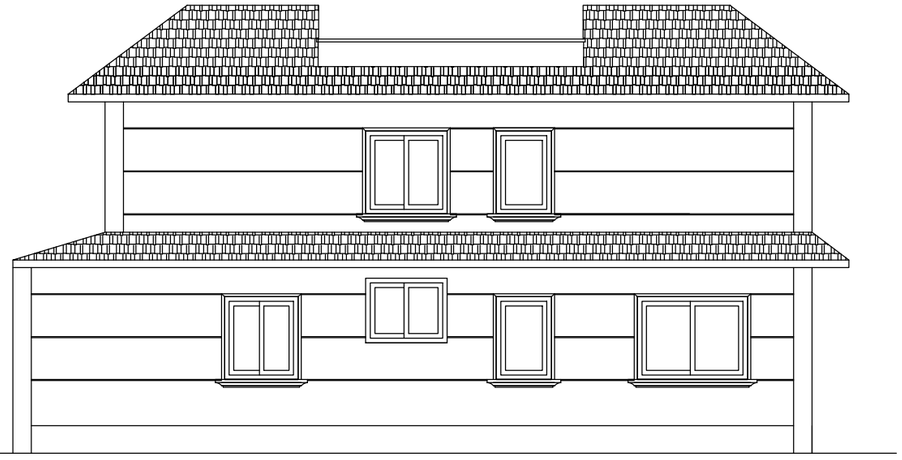
FRONT ELEVATION



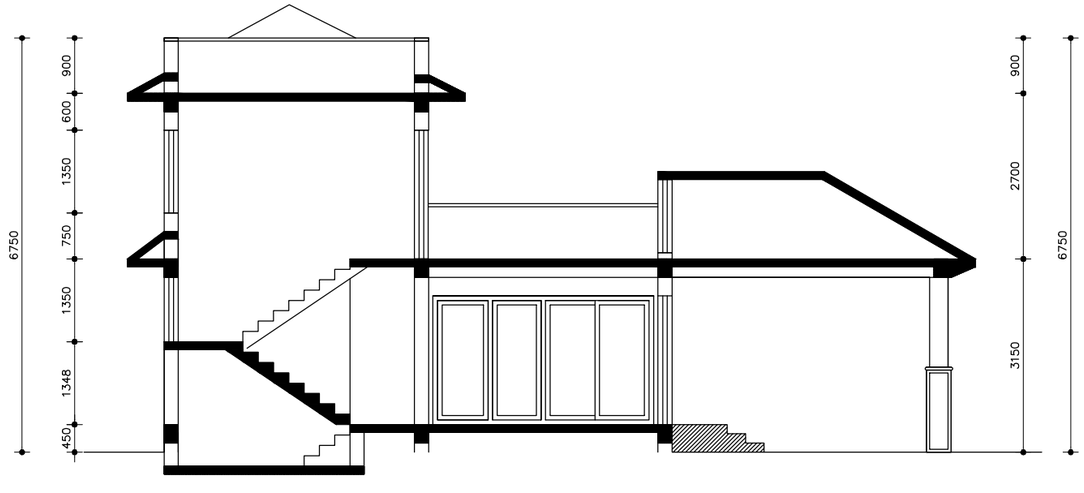
SIDE ELEVATION



SIDE ELEVATION



BACK ELEVATION



SECTION AT X–X

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings	
Drwg. No.	Title
31–00053–DD–5310–Q–1620	PERMANENT CAMP AND ROADS, BUILDING TYPE A, FLOOR PLAN, SHEET 1 OF 2

Revisions			
Name	Date	Notes	

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	05.09.18
Drawn	A. K. Basu	05.09.18
Checked	Roloff	05.09.18
Approved	Dr. Moeller	05.09.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

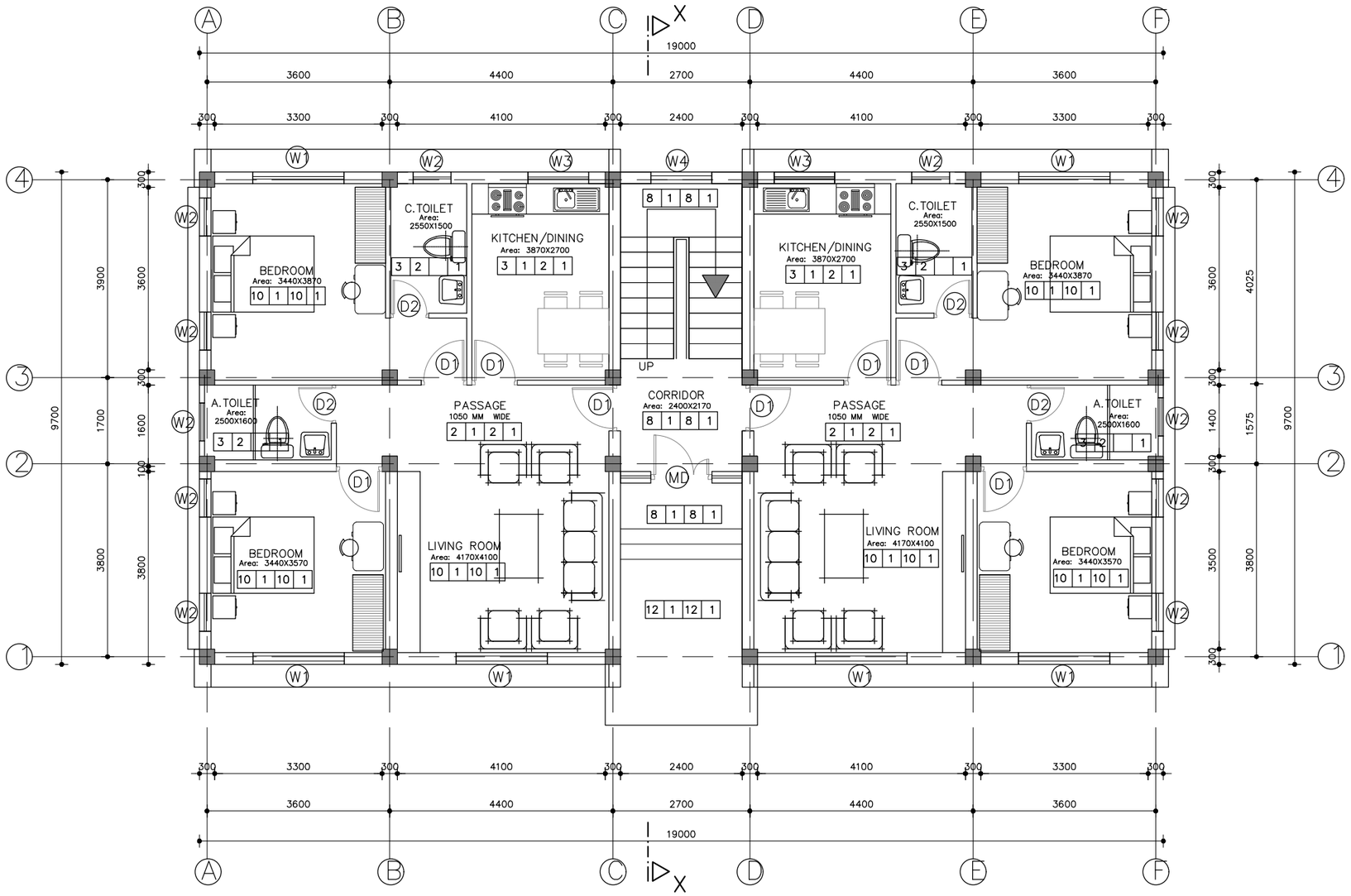
ACCOMMODATION BUILDING TYPE A

ELEVATIONS AND SECTION

SHEET 2 OF 2

PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1620 | REV. A



TYPE B
GROUND FLOOR PLAN
AREA: 184.30 m2

NOTES:

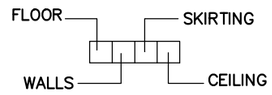
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	28
3.	D2	DOOR	750 x 2100	12
4.	W1	WINDOW	1800 x 1350	26
5.	W2	"	750 x1350	54
6.	W3	"	1200 x1200	6
7.	W4	"	1200 x1000	3
8.	W5	"	1200 x6600	1
9.	W6	"	1200 x1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1621	PERMANENT CAMP AND ROADS, BUILDING TYPE B, ELEVATION & SECTION, SHEET 4 OF 4

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

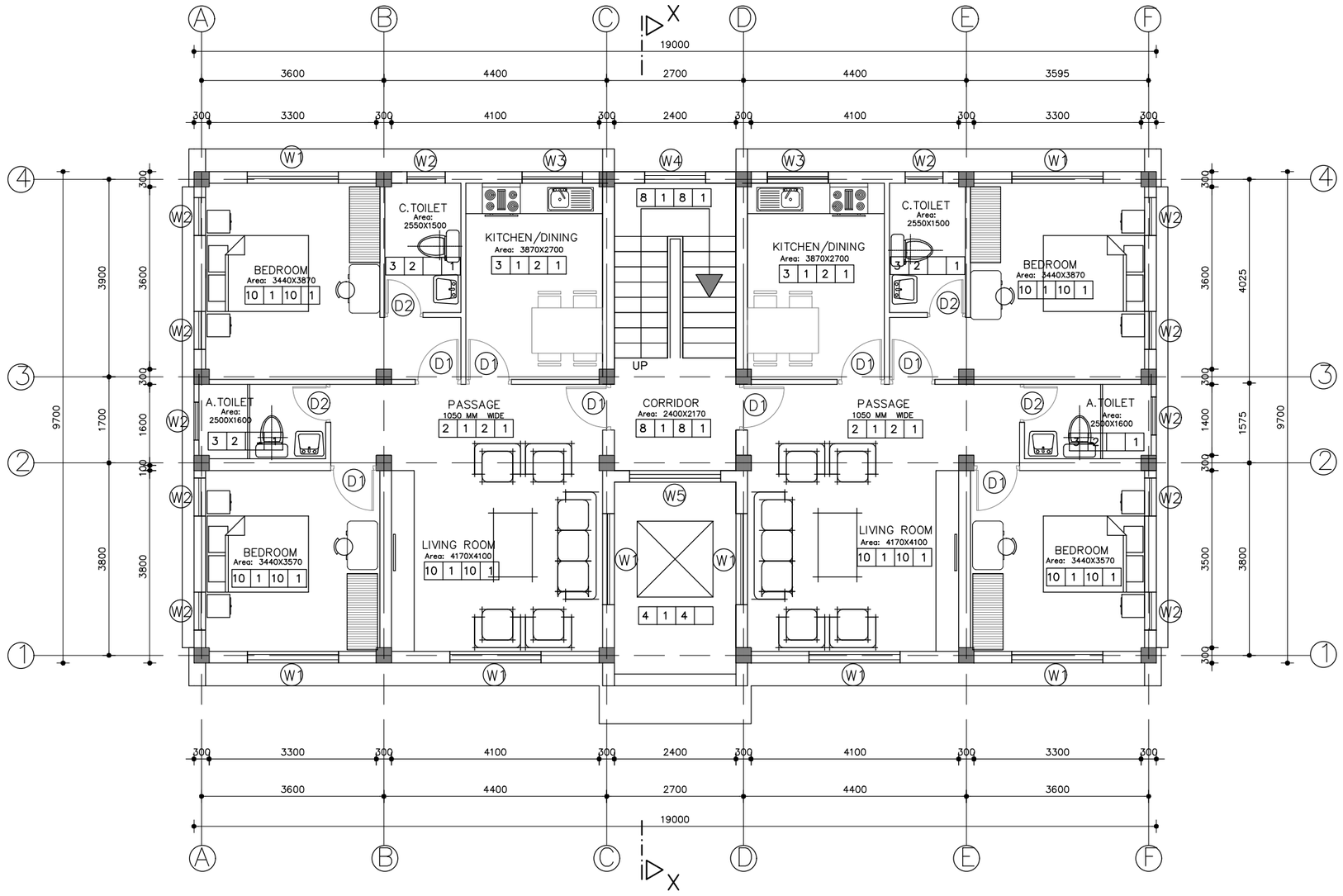
Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE B
GROUND FLOOR PLAN
SHEET 1 OF 4
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31−00053−DD−5310− Q 1621 | REV. | A



TYPE B

FIRST/SECOND FLOOR PLAN

AREA: 184.30 m2

NOTES:

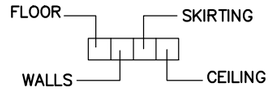
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	28
3.	D2	DOOR	750 x 2100	12
4.	W1	WINDOW	1800 x 1350	26
5.	W2	"	750 x1350	54
6.	W3	"	1200 x1200	6
7.	W4	"	1200 x1000	3
8.	W5	"	1200 x6600	1
9.	W6	"	1200 x1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1621	PERMANENT CAMP AND ROADS, BUILDING TYPE B, ELEVATION & SECTION, SHEET 4 OF 4

Revisions

Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

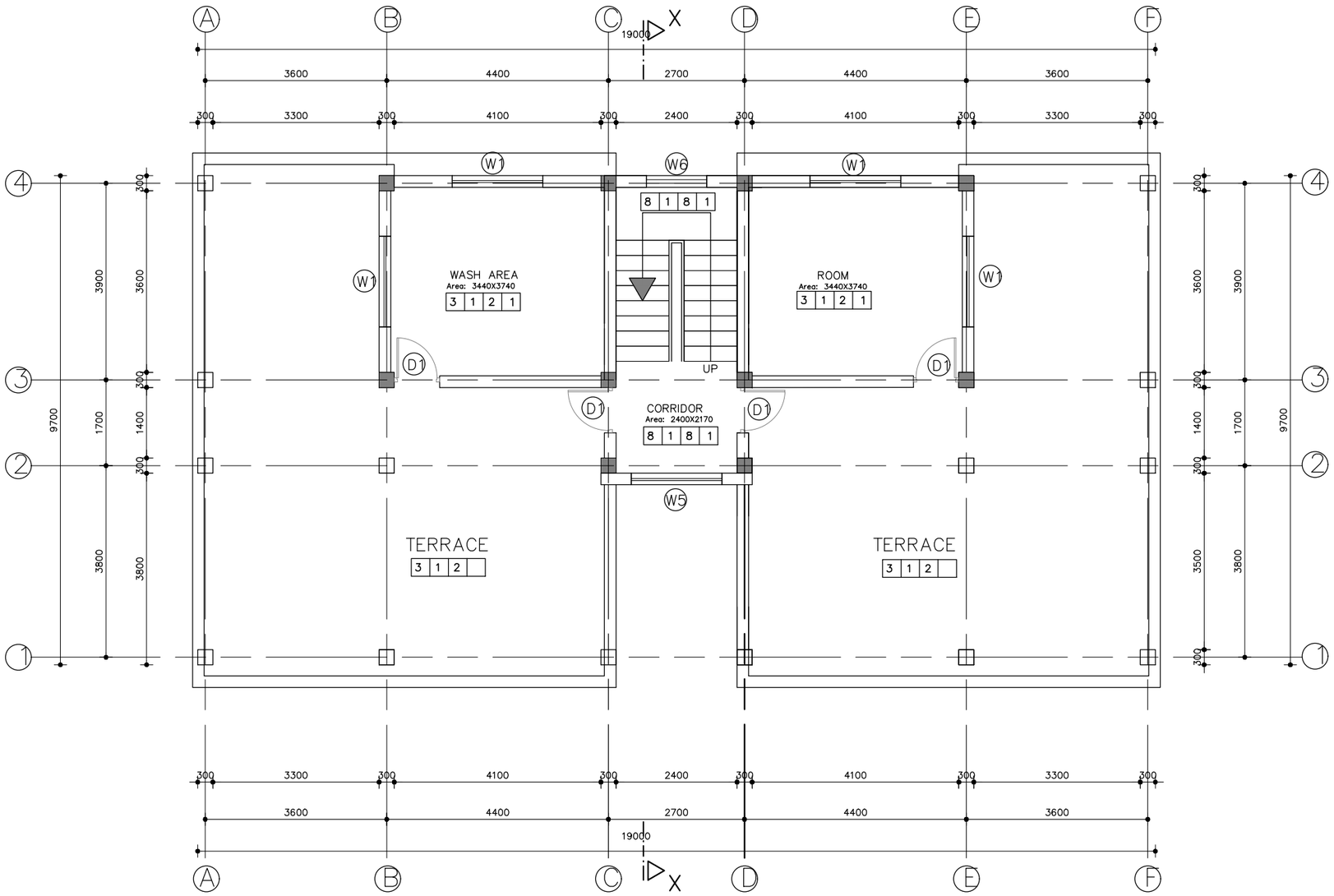
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE B
FIRST/SECOND FLOOR PLAN
SHEET 2 OF 4
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1621 REV. A



TYPE B
THIRD FLOOR PLAN

AREA: 70.3 m2

NOTES:

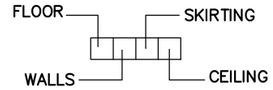
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	28
3.	D2	DOOR	750 x 2100	12
4.	W1	WINDOW	1800 x 1350	26
5.	W2	"	750 x1350	54
6.	W3	"	1200 x1200	6
7.	W4	"	1200 x1000	3
8.	W5	"	1200 x6600	1
9.	W6	"	1200 x1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5321−Q−1621	PERMANENT CAMP AND ROADS, BUILDING TYPE B, ELEVATION & SECTION, SHEET 4 OF 4

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE B
THIRD FLOOR PLAN
SHEET 3 OF 4
PROJECT DRAWING

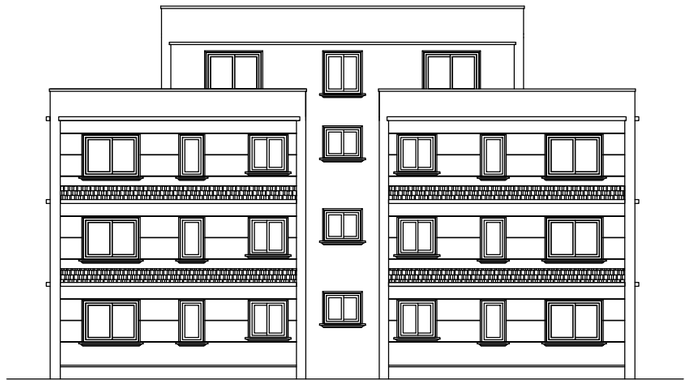
Drwg. No.: 31−00053−DD−5321− Q 1621 REV. A

NOTES:

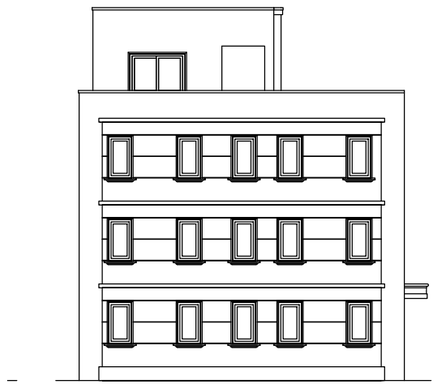
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



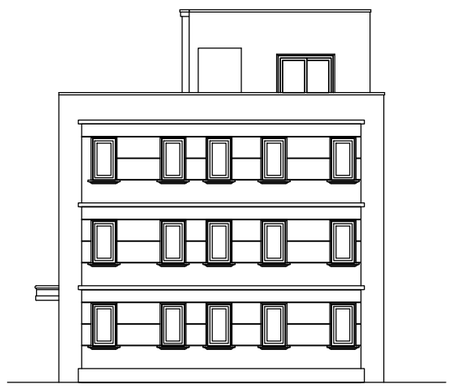
FRONT ELEVATION



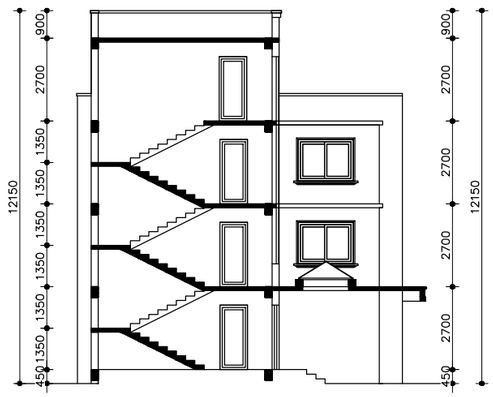
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X-X

SCALE 1:200

−2000(mm) 0 2 4 6 8 10 [m]

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1621	PERMANENT CAMP AND ROADS, BUILDING TYPE B, GROUND FLOOR PLAN, SHEET 1 OF 4
31-00053-DD-5310-Q-1621	PERMANENT CAMP AND ROADS, BUILDING TYPE B, FIRST & SECOND FLOOR PLAN, SHEET 2 OF 4
31-00053-DD-5310-Q-1621	PERMANENT CAMP AND ROADS, BUILDING TYPE B, THIRD FLOOR PLAN, SHEET 3 OF 4

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD- File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE B

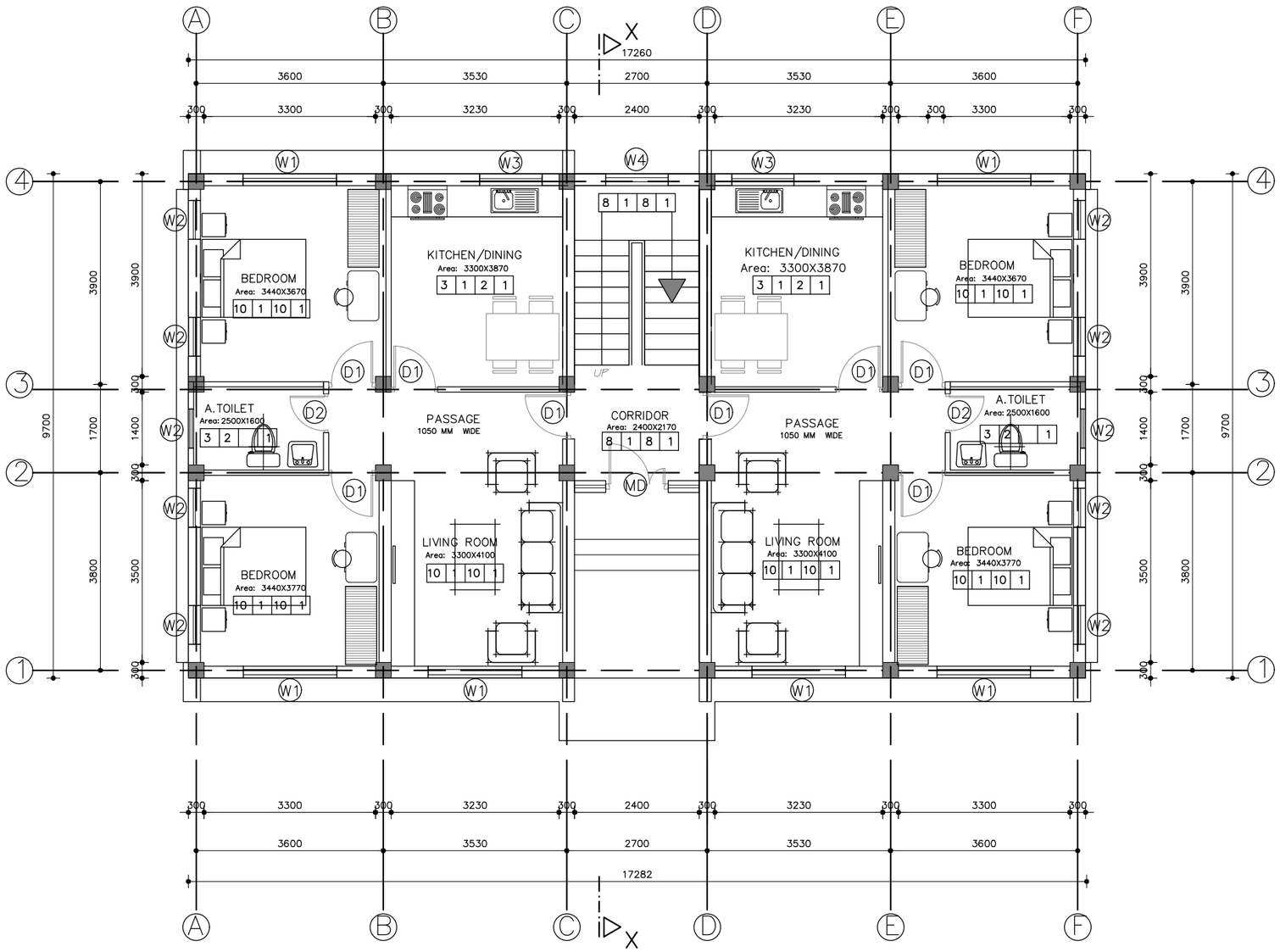
ELEVATIONS AND SECTION

SHEET 4 OF 4

PROJECT DRAWING

Scale A3: 1:200

Drwg. No.: 31-00053-DD-5310- Q 1621 REV. A



TYPE C
GROUND FLOOR PLAN

AREA: 167.42 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400X 2100	1
2.	D1	DOOR	900X 2100	28
3.	D2	DOOR	750X 2100	6
4.	W1	WINDOW	1800X 1350	26
5.	W2	"	750X1350	30
6.	W3	"	1200X1200	6
7.	W4	"	1200X1000	3
8.	W5	"	1200X6600	1
9.	W6	"	1200X1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE

FLOOR — SKIRTING
WALLS — CEILING

SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1622	PERMANENT CAMP AND ROADS, BUILDING TYPE C, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

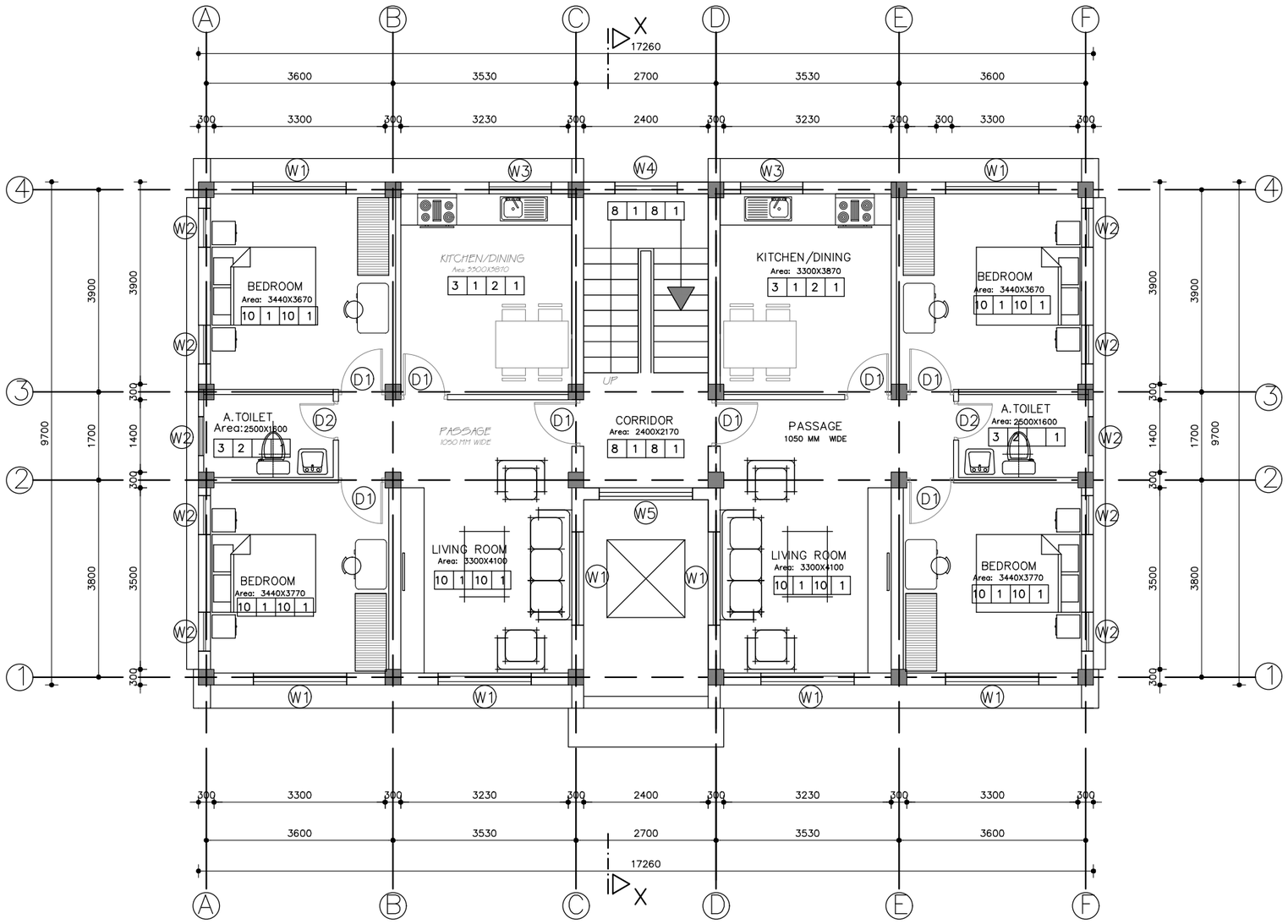
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE C
GROUND FLOOR PLAN
SHEET 1 OF 4
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1622 | REV. | A



TYPE C

FIRST/SECOND FLOOR PLAN

AREA: 167.42 m2

NOTES:

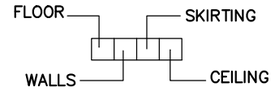
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400X 2100	1
2.	D1	DOOR	900X 2100	28
3.	D2	DOOR	750X 2100	6
4.	W1	WINDOW	1800X 1350	26
5.	W2	"	750X1350	30
6.	W3	"	1200X1200	6
7.	W4	"	1200X1000	3
8.	W5	"	1200X6600	1
9.	W6	"	1200X1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1622	PERMANENT CAMP AND ROADS, BUILDING TYPE C, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE C

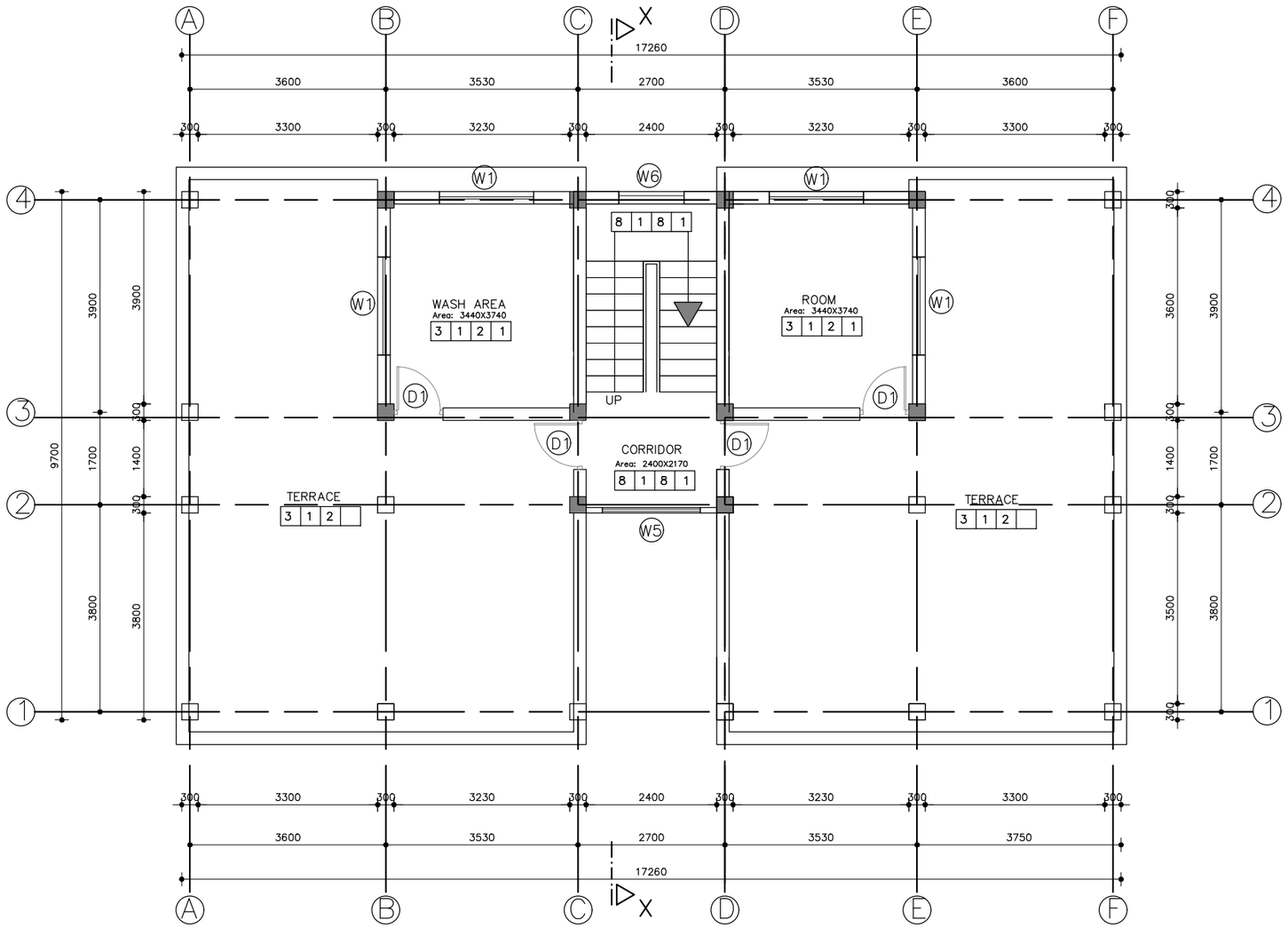
FIRST/SECOND FLOOR PLAN

SHEET 2 OF 4

PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31−00053−DD−5310− Q 1622 REV. A



TYPE C
THIRD FLOOR PLAN

AREA: 59.35 m2

NOTES:

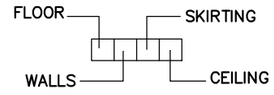
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400X 2100	1
2.	D1	DOOR	900X 2100	28
3.	D2	DOOR	750X 2100	6
4.	W1	WINDOW	1800X 1350	26
5.	W2	"	750X1350	30
6.	W3	"	1200X1200	6
7.	W4	"	1200X1000	3
8.	W5	"	1200X6600	1
9.	W6	"	1200X1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1622	PERMANENT CAMP AND ROADS, BUILDING TYPE C, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE C
THIRD FLOOR PLAN
SHEET 3 OF 4
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1622 | REV. | A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

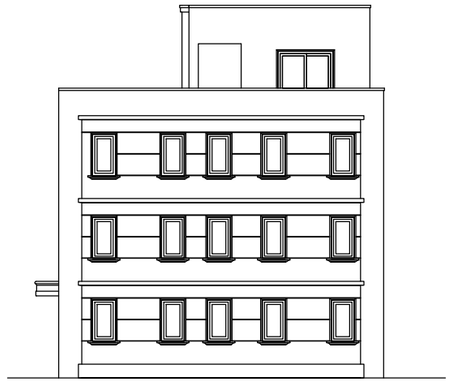


FRONT ELEVATION

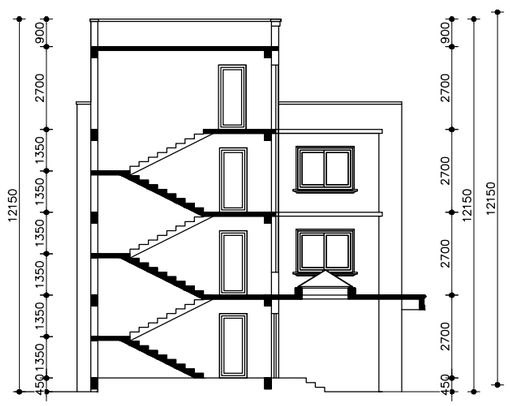
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE 1:200

−2000(mm) 0 2 4 6 8 10 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1622	PERMANENT CAMP AND ROADS, BUILDING TYPE C, GROUND FLOOR PLAN, SHEET 1 OF 4
31–00053–DD–5310–Q–1622	PERMANENT CAMP AND ROADS, BUILDING TYPE C, FIRST & SECOND FLOOR PLAN, SHEET 2 OF 4
31–00053–DD–5310–Q–1622	PERMANENT CAMP AND ROADS, BUILDING TYPE C, THIRD FLOOR PLAN, SHEET 3 OF 4

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE C

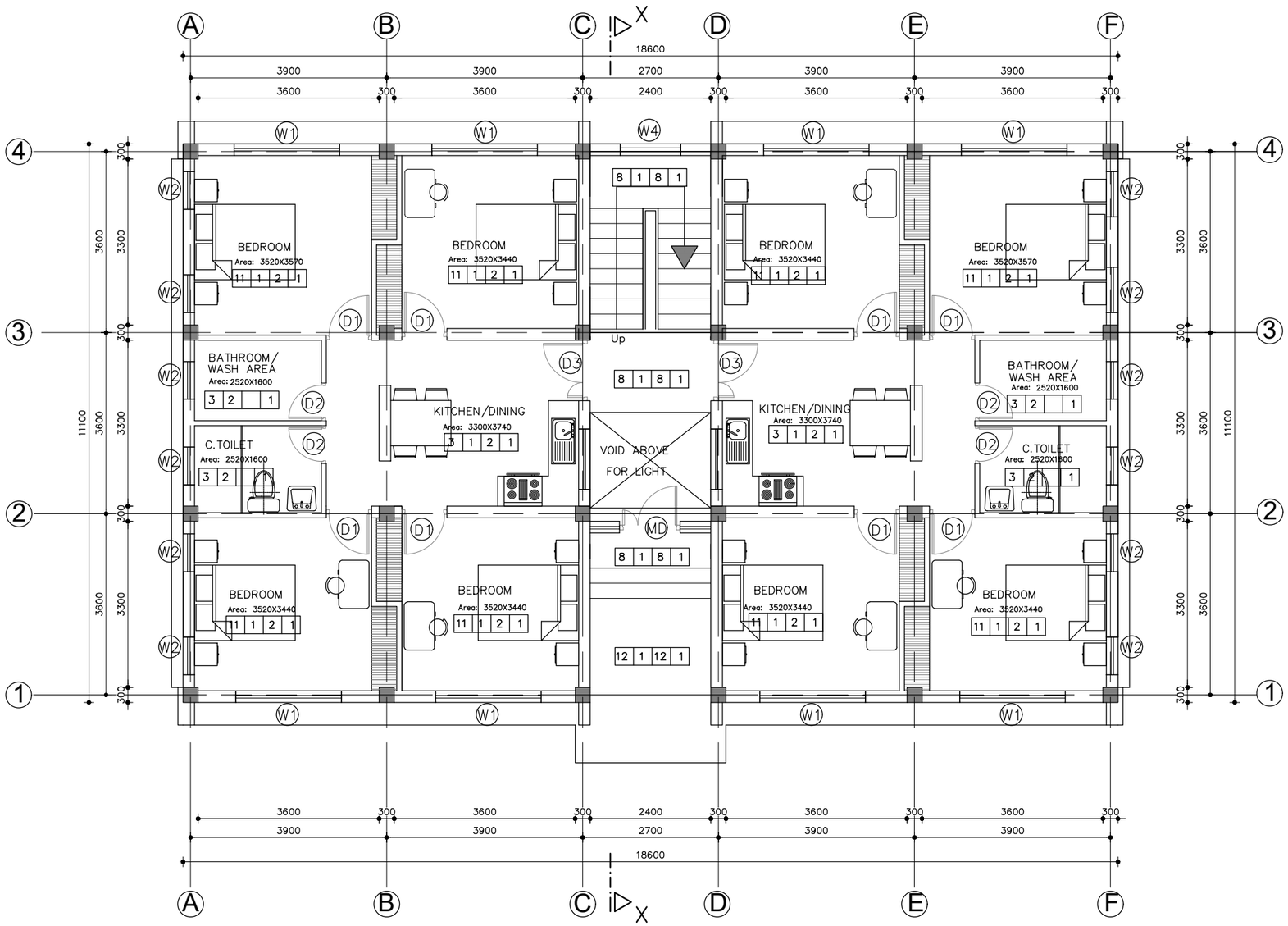
ELEVATIONS AND SECTION

SHEET 4 OF 4

PROJECT DRAWING

Scale A3: 1:200

Drwg. No.: 31–00053–DD–5310– Q 1622 REV. A



TYPE D

GROUND FLOOR PLAN

AREA: 206.46 m2

NOTES:

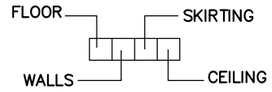
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	28
3.	D2	DOOR	750 x 2100	8
4.	D3	DOOR	1200 x 2100	6
5.	W1	WINDOW	2100 x 1350	18
6.	W2	"	750 x1350	24
7.	W3	"	1800 x1350	2
8.	W4	"	1200 x1000	2
9.	W5	"	1200 x4050	1
10.	W6	"	1200 x1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1623	PERMANENT CAMP AND ROADS, BUILDING TYPE D, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL — CONSULTING ENGINEERS BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

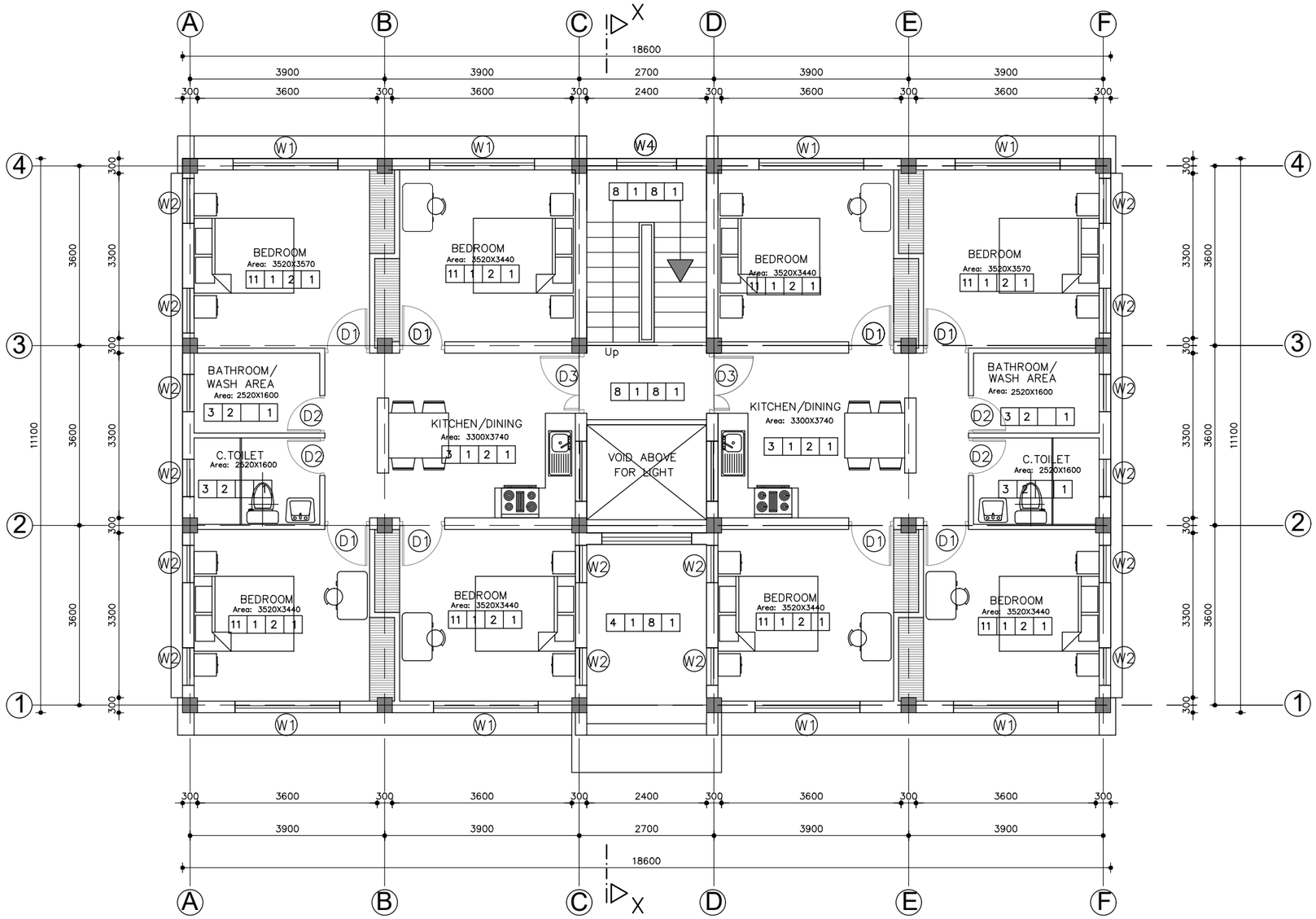
ACCOMMODATION BUILDING TYPE D

GROUND FLOOR PLAN

SHEET 1 OF 4

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1623 REV. A



TYPE D

FIRST FLOOR PLAN

AREA: 206.46 m2

NOTES:

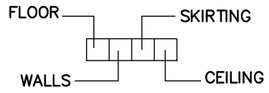
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	28
3.	D2	DOOR	750 x 2100	8
4.	D3	DOOR	1200 x 2100	6
5.	W1	WINDOW	2100 x 1350	18
6.	W2	"	750 x1350	24
7.	W3	"	1800 x1350	2
8.	W4	"	1200 x1000	2
9.	W5	"	1200 x4050	1
10.	W6	"	1200 x1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1623	PERMANENT CAMP AND ROADS, BUILDING TYPE D, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

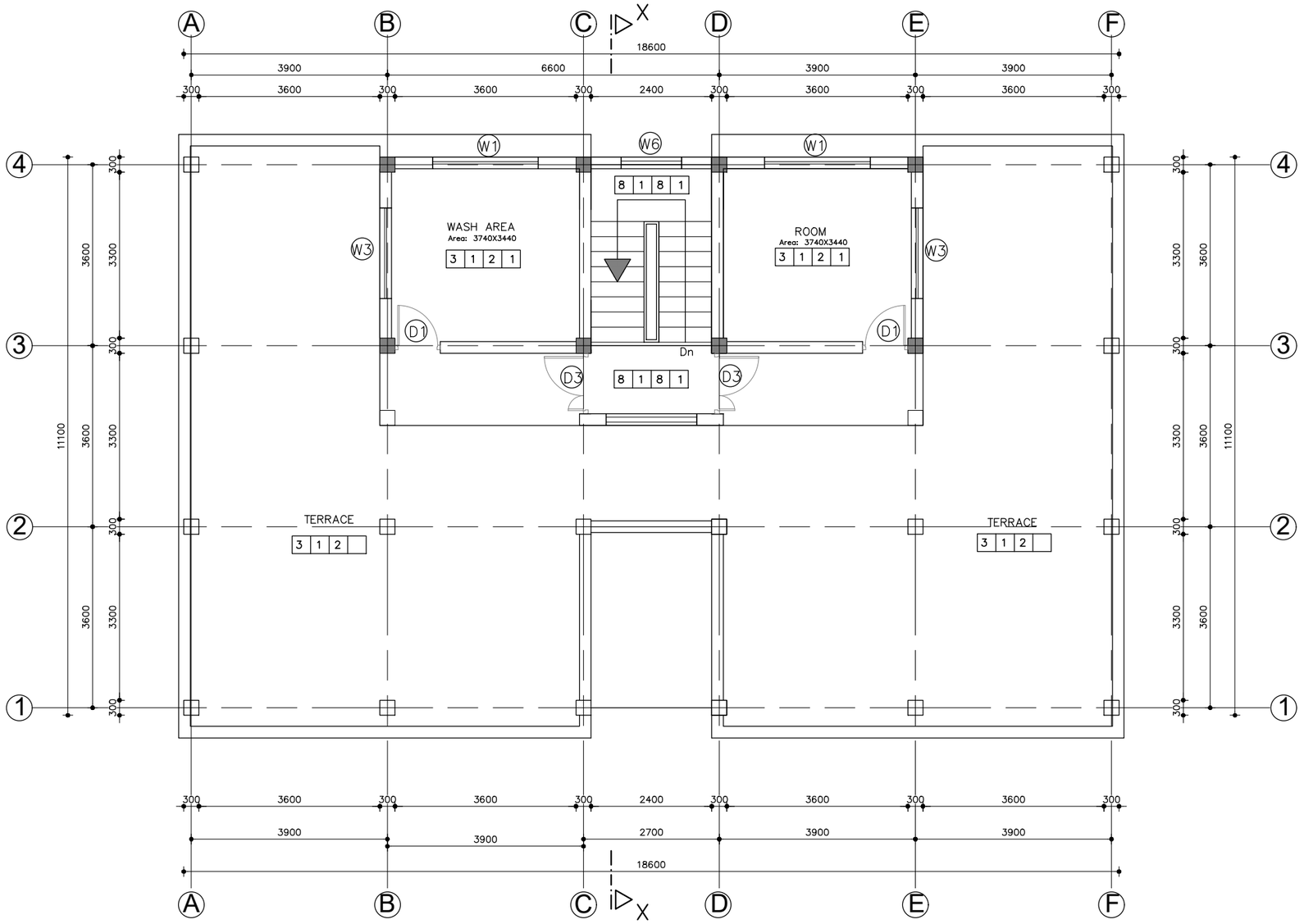
Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING
TYPE D
FIRST FLOOR PLAN
SHEET 2 OF 4
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1623 | REV. | A



TYPE D
SECOND FLOOR PLAN

AREA: 57.6 m2

NOTES:

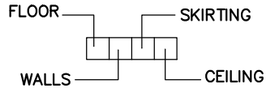
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	28
3.	D2	DOOR	750 x 2100	8
4.	D3	DOOR	1200 x 2100	6
5.	W1	WINDOW	2100 x 1350	18
6.	W2	"	750 x1350	24
7.	W3	"	1800 x1350	2
8.	W4	"	1200 x1000	2
9.	W5	"	1200 x4050	1
10.	W6	"	1200 x1350	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1623	PERMANENT CAMP AND ROADS, BUILDING TYPE D, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE D
SECOND FLOOR PLAN
SHEET 3 OF 4
PROJECT DRAWING

Scale A3: 1:100

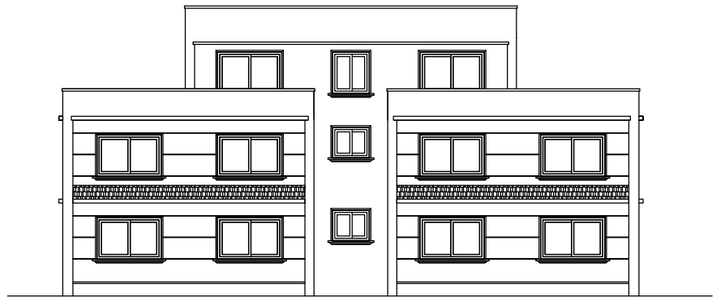
Drwg. No.: 31−00053−DD−5310− Q 1623 REV. A

NOTES:

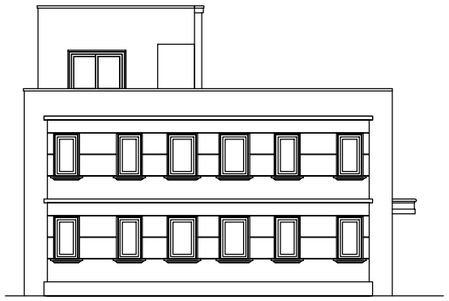
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



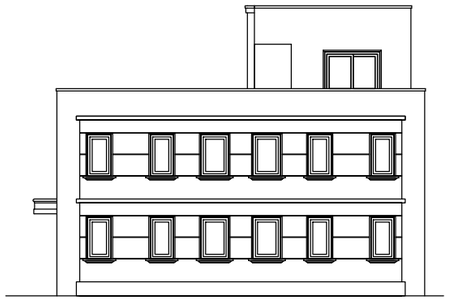
FRONT ELEVATION



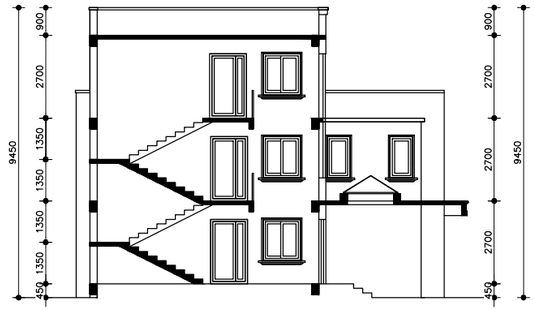
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE 1:200

−2000(mm) 0 2 4 6 8 10 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1623	PERMANENT CAMP AND ROADS, BUILDING TYPE D, GROUND FLOOR PLAN, SHEET 1 OF 4
31–00053–DD–4922–Q–1123	PERMANENT CAMP AND ROADS, BUILDING TYPE D, FIRST FLOOR PLAN, SHEET 2 OF 4
31–00053–DD–4922–Q–1123	PERMANENT CAMP AND ROADS, BUILDING TYPE D, SECOND FLOOR PLAN, SHEET 3 OF 4

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE D

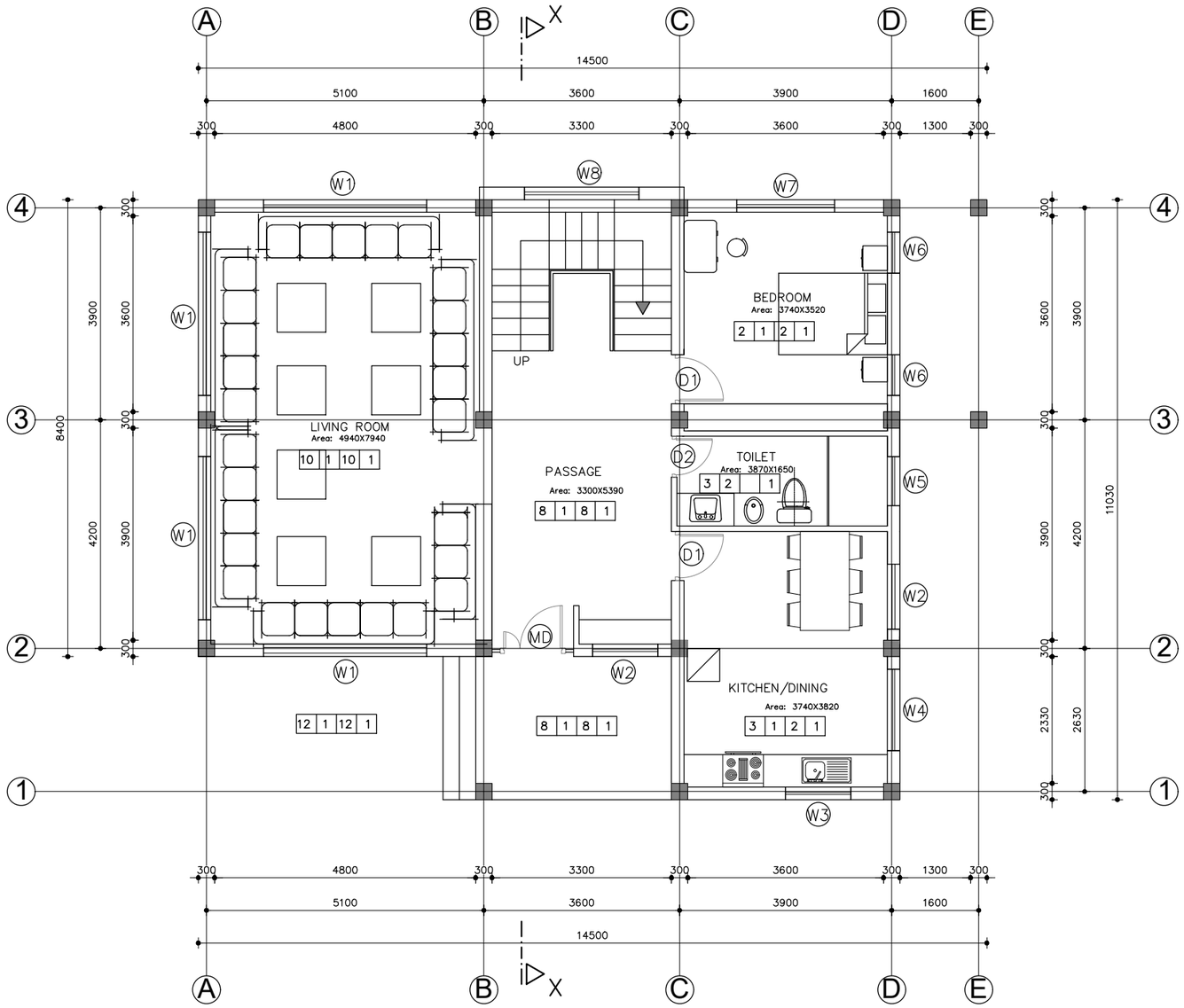
ELEVATIONS AND SECTION

SHEET 4 OF 4

PROJECT DRAWING

Scale A3: 1:200

Drwg. No.: 31–00053–DD–5310– Q 1623 REV. A



TYPE E
GROUND FLOOR PLAN

AREA: 135.58 m2

NOTES:

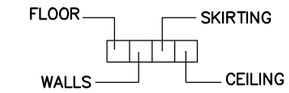
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1500 x 2100	1
2.	D1	DOOR	900 x 2100	10
3.	D2	DOOR	750 x 2100	8
4.	SD	DOOR	1800 x 2100	2
5.	W1	WINDOW	3000 x 1800	4
6.	W2	"	1200 x1350	4
7.	W3	"	1800 x1050	1
8.	W4	"	1500 x1350	2
9.	W5	"	900 x1350	8
10.	W6	"	750 x1350	16
11.	W7	"	1800 x1350	9
12.	W8	"	2100 x6547	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1624	PERMANENT CAMP AND ROADS, TYPE E, ELEVATION AND SECTION, SHEET 5 OF 5

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

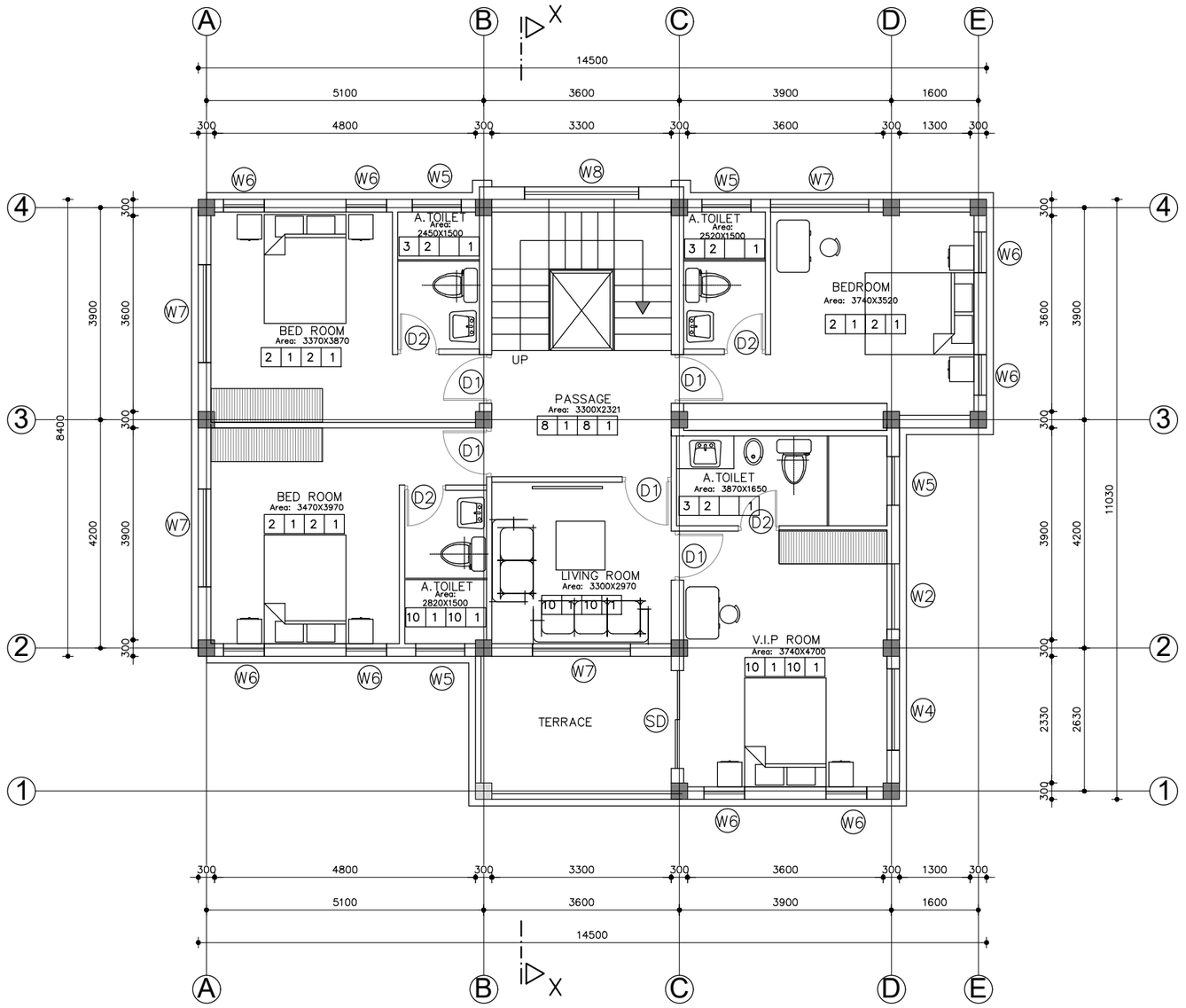
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE E
GROUND FLOOR PLAN
SHEET 1 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1624 | REV. A



TYPE E
FIRST FLOOR PLAN

AREA: 126.11 m2

NOTES:

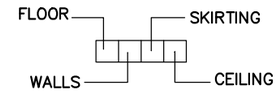
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1500 x 2100	1
2.	D1	DOOR	900 x 2100	10
3.	D2	DOOR	750 x 2100	8
4.	SD	DOOR	1800 x 2100	2
5.	W1	WINDOW	3000 x 1800	4
6.	W2	"	1200 x1350	4
7.	W3	"	1800 x1050	1
8.	W4	"	1500 x1350	2
9.	W5	"	900 x1350	8
10.	W6	"	750 x1350	16
11.	W7	"	1800 x1350	9
12.	W8	"	2100 x6547	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1624	PERMANENT CAMP AND ROADS, TYPE E, ELEVATION AND SECTION, SHEET 5 OF 5

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

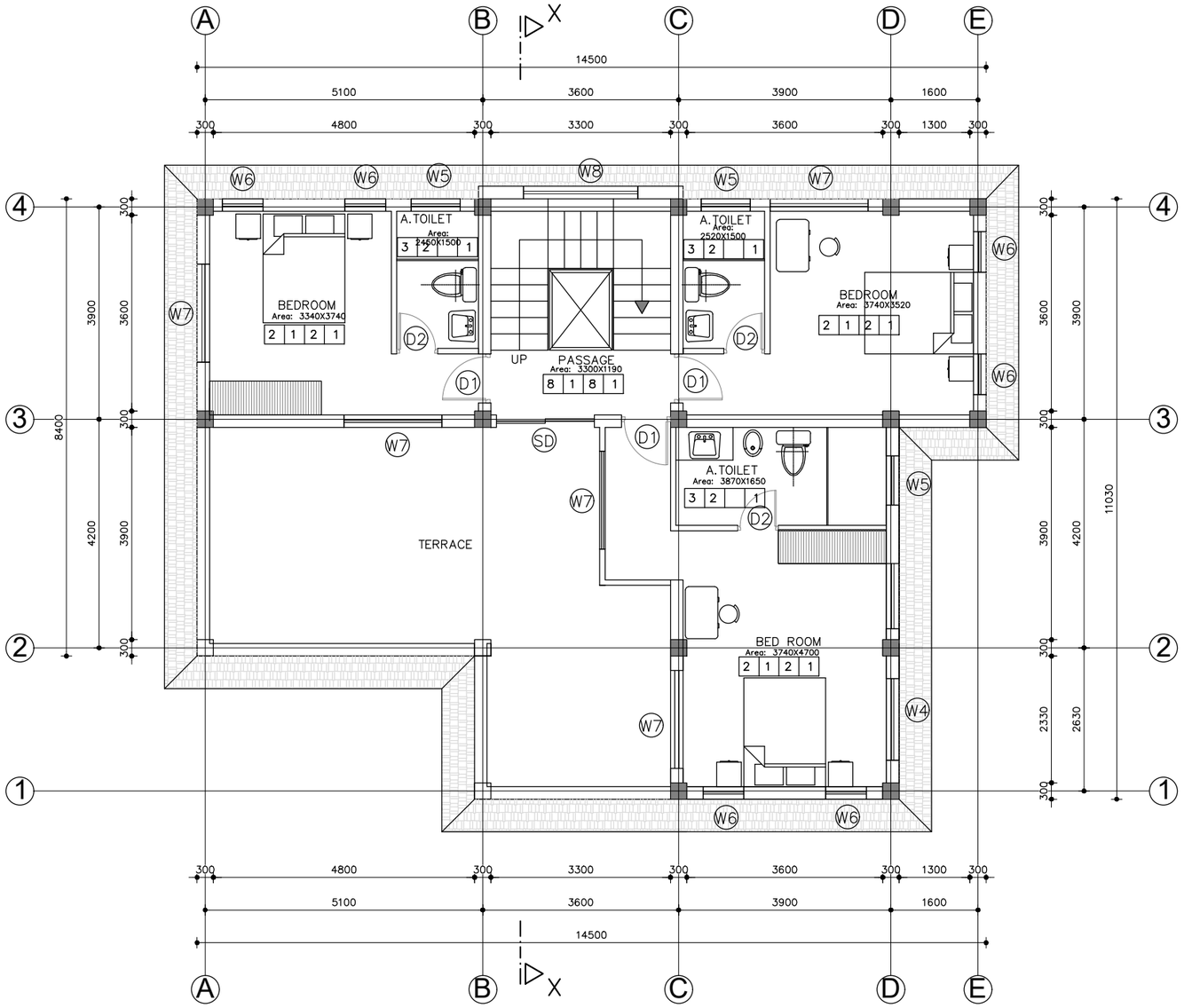
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE E
FIRST FLOOR PLAN
SHEET 2 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1624 | REV. | A



TYPE E
SECOND FLOOR PLAN

AREA: 93.35 m2

NOTES:

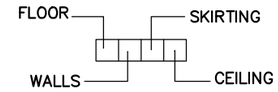
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1500 x 2100	1
2.	D1	DOOR	900 x 2100	10
3.	D2	DOOR	750 x 2100	8
4.	SD	DOOR	1800 x 2100	2
5.	W1	WINDOW	3000 x 1800	4
6.	W2	"	1200 x1350	4
7.	W3	"	1800 x1050	1
8.	W4	"	1500 x1350	2
9.	W5	"	900 x1350	8
10.	W6	"	750 x1350	16
11.	W7	"	1800 x1350	9
12.	W8	"	2100 x6547	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1624	PERMANENT CAMP AND ROADS, GUEST HOUSE, ELEVATION AND SECTION, SHEET 5 OF 5

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

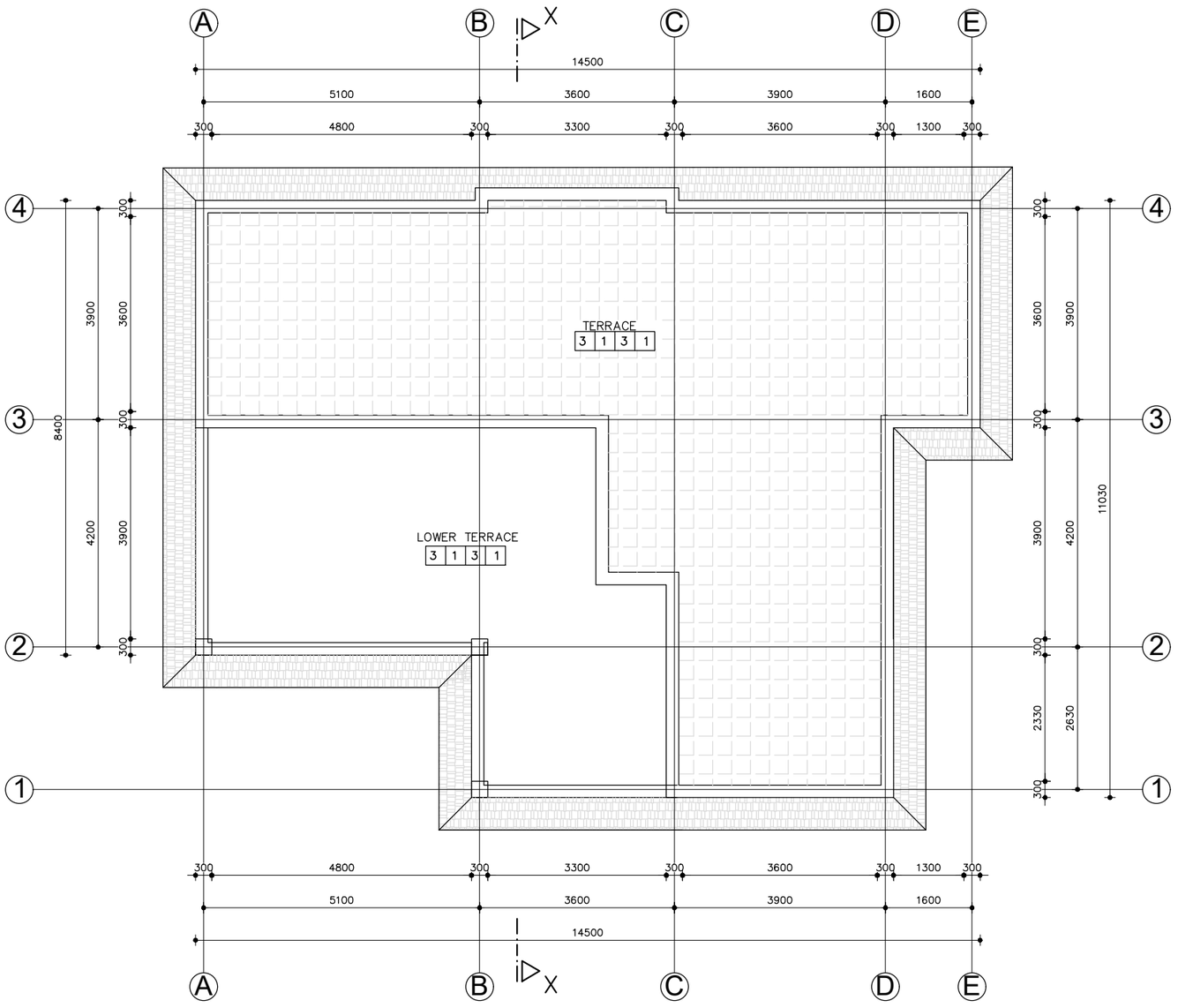
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE E
SECOND FLOOR PLAN
SHEET 3 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1624 | REV. A



TYPE E
ROOF FLOOR PLAN

NOTES:

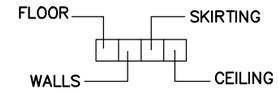
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1500 x 2100	1
2.	D1	DOOR	900 x 2100	10
3.	D2	DOOR	750 x 2100	8
4.	SD	DOOR	1800 x 2100	2
5.	W1	WINDOW	3000 x 1800	4
6.	W2	"	1200 x1350	4
7.	W3	"	1800 x1050	1
8.	W4	"	1500 x1350	2
9.	W5	"	900 x1350	8
10.	W6	"	750 x1350	16
11.	W7	"	1800 x1350	9
12.	W8	"	2100 x6547	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1624	PERMANENT CAMP AND ROADS, GUEST HOUSE, ELEVATION AND SECTION, SHEET 5 OF 5

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE E
ROOF FLOOR PLAN
SHEET 4 OF 5
PROJECT DRAWING

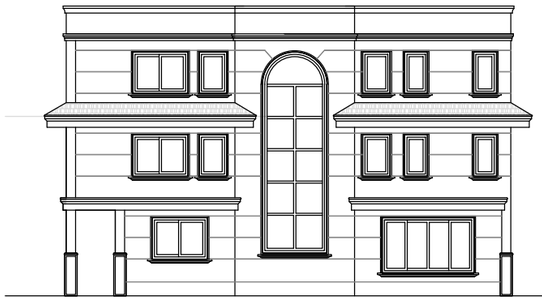
Drwg. No.: 31−00053−DD−5310− Q 1624 | REV. | A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



FRONT ELEVATION



BACK ELEVATION



SIDE ELEVATION

SIDE ELEVATION

SECTION AT X–X

SCALE 1:200

−2000(mm) 0 2 4 6 8 10 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1624	PERMANENT CAMP AND ROADS, GUEST HOUSE, GROUND FLOOR PLAN, SHEET 1 OF 5
31–00053–DD–5310–Q–1624	PERMANENT CAMP AND ROADS, GUEST HOUSE, FIRST FLOOR PLAN, SHEET 2 OF 5
31–00053–DD–5310–Q–1624	PERMANENT CAMP AND ROADS, GUEST HOUSE, SECOND FLOOR PLAN, SHEET 3 OF 5
31–00053–DD–5310–Q–1624	PERMANENT CAMP AND ROADS, GUEST HOUSE, ROOF FLOOR PLAN, SHEET 4 OF 5

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE E

ELEVATIONS AND SECTION

SHEET 5 OF 5

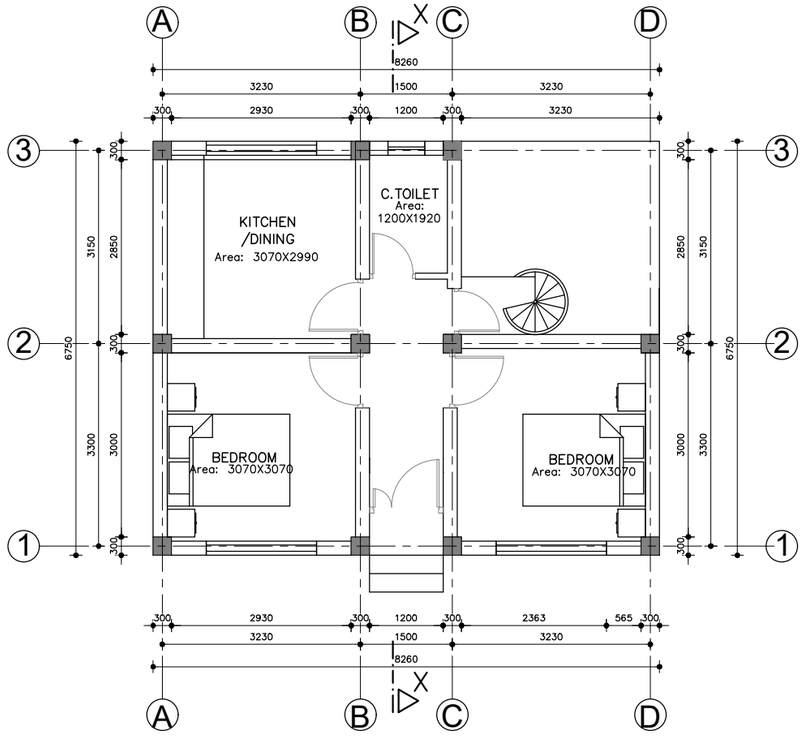
PROJECT DRAWING

Scale A3: 1:200

Drwg. No.: 31–00053–DD–5310– Q 1624 REV. A

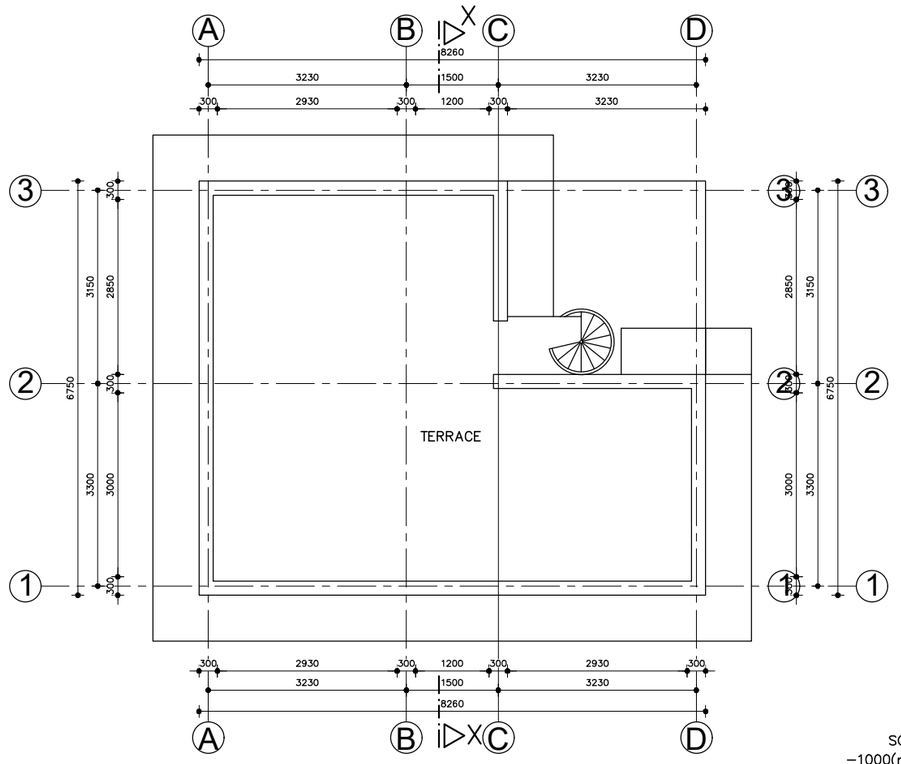
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



TYPE F
GROUND FLOOR PLAN

AREA: 45.56 m2



TYPE F
TOP FLOOR PLAN

SCALE
−1000(mm) 0 1 2 3 4 5 [m]
1:100

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1625	PERMANENT CAMP AND ROADS , TYPE F, ELEVATION AND SECTION, SHEET 2 OF 2

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

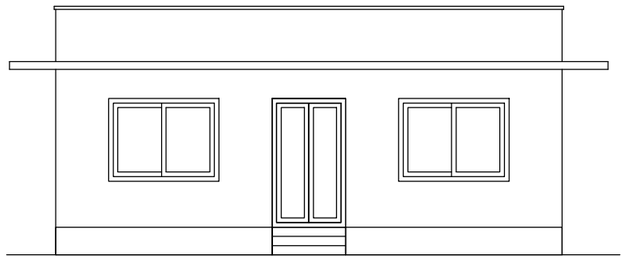
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE F
GROUND & TOP ROOF PLAN
SHEET 1 OF 2
PROJECT DRAWING

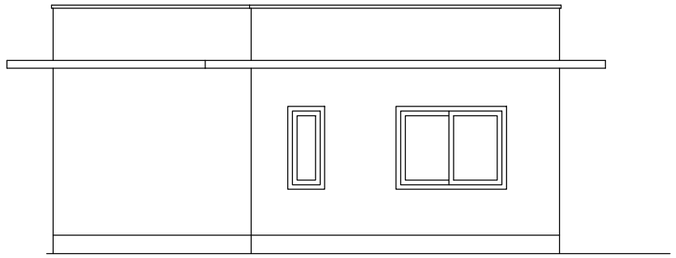
Drwg. No.: 31−00053−DD−5310− Q 1625 | REV. | A

NOTES:

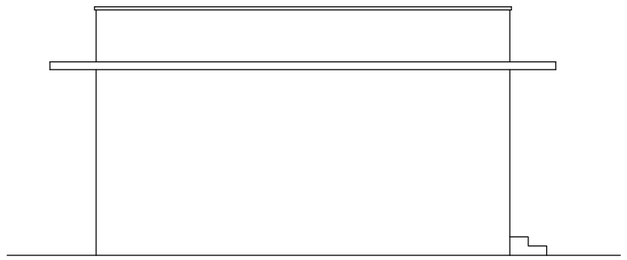
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



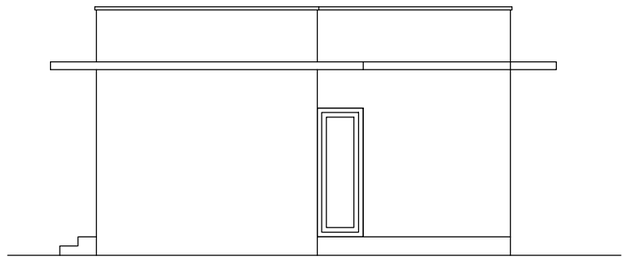
FRONT ELEVATION



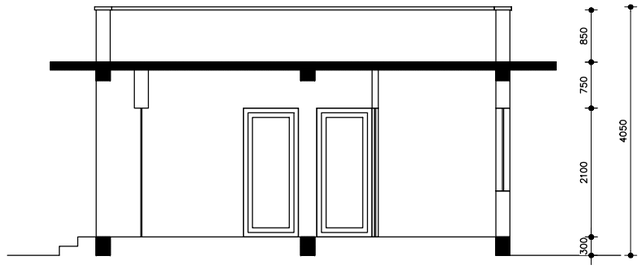
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1625	PERMANENT CAMP AND ROADS , TYPE F, GROUND AND ROOF PLAN, SHEET 1 OF 2

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

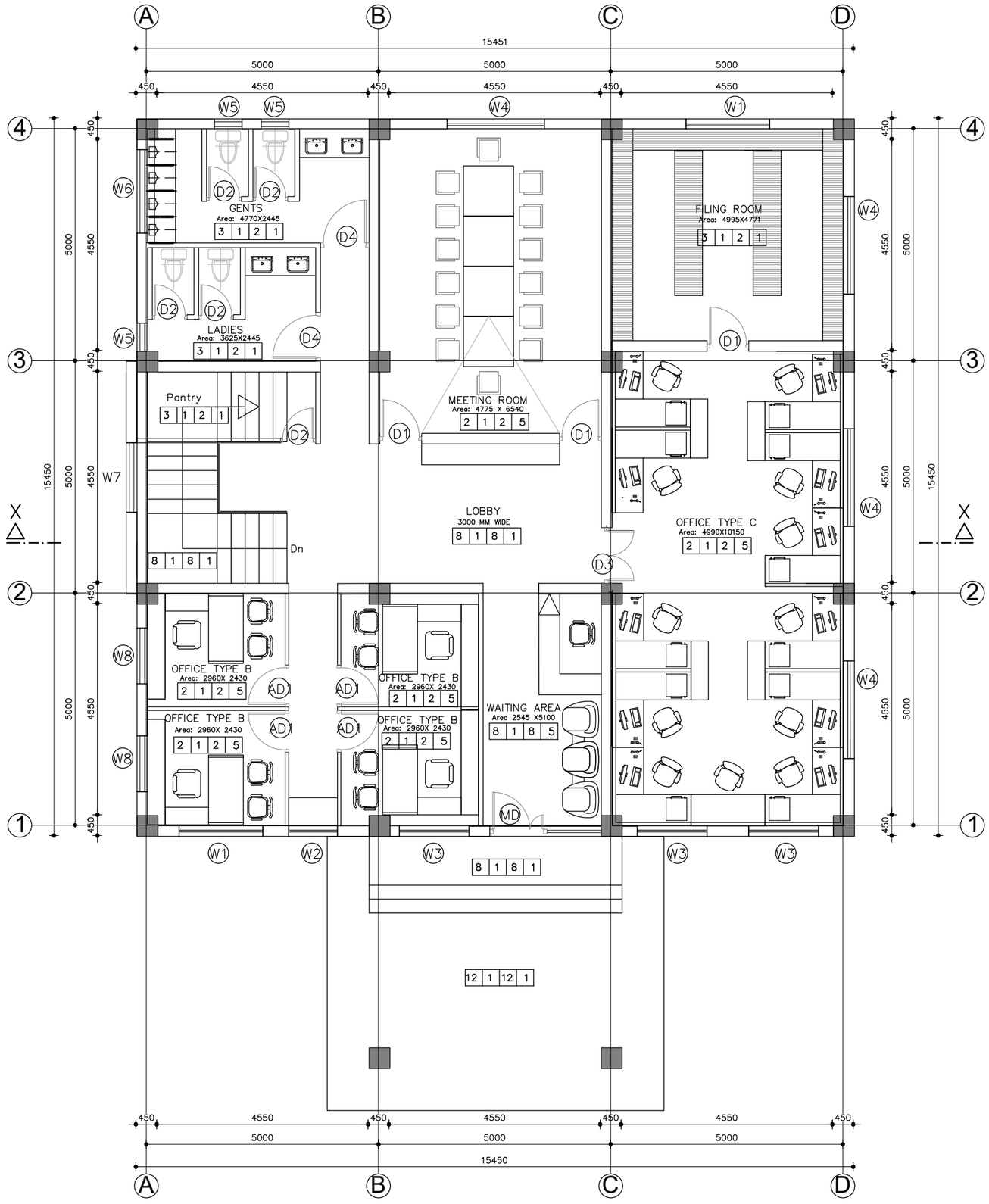
ACCOMMODATION BUILDING TYPE F

ELEVATIONS AND SECTION

SHEET 2 OF 2

PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1625 REV. A



TYPE G

GROUND FLOOR PLAN

AREA: 267.10 m2

NOTES:

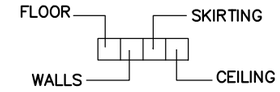
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	7
3.	D2	DOOR	750 x 2100	11
4.	D3	DOOR	1200 x 2100	1
5.	D4	DOOR	1050 x 2100	10
6.	W1	WINDOW	1800 x 1500	8
7.	W2	"	1050 x1500	2
8.	W3	"	1500 x1500	7
9.	W4	"	2100 x1500	8
10.	W5	"	600 x1500	6
11.	W6	"	1800 x600	2
12.	W7	"	1500 x7450	1
13.	W8	"	1200 x1500	8
14.	AD1	Aluminium Door	900 x1500	8

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1626	PERMANENT CAMP AND ROADS, TYPE G, ELEVATION & SECTION, SHEET 4 OF 4

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

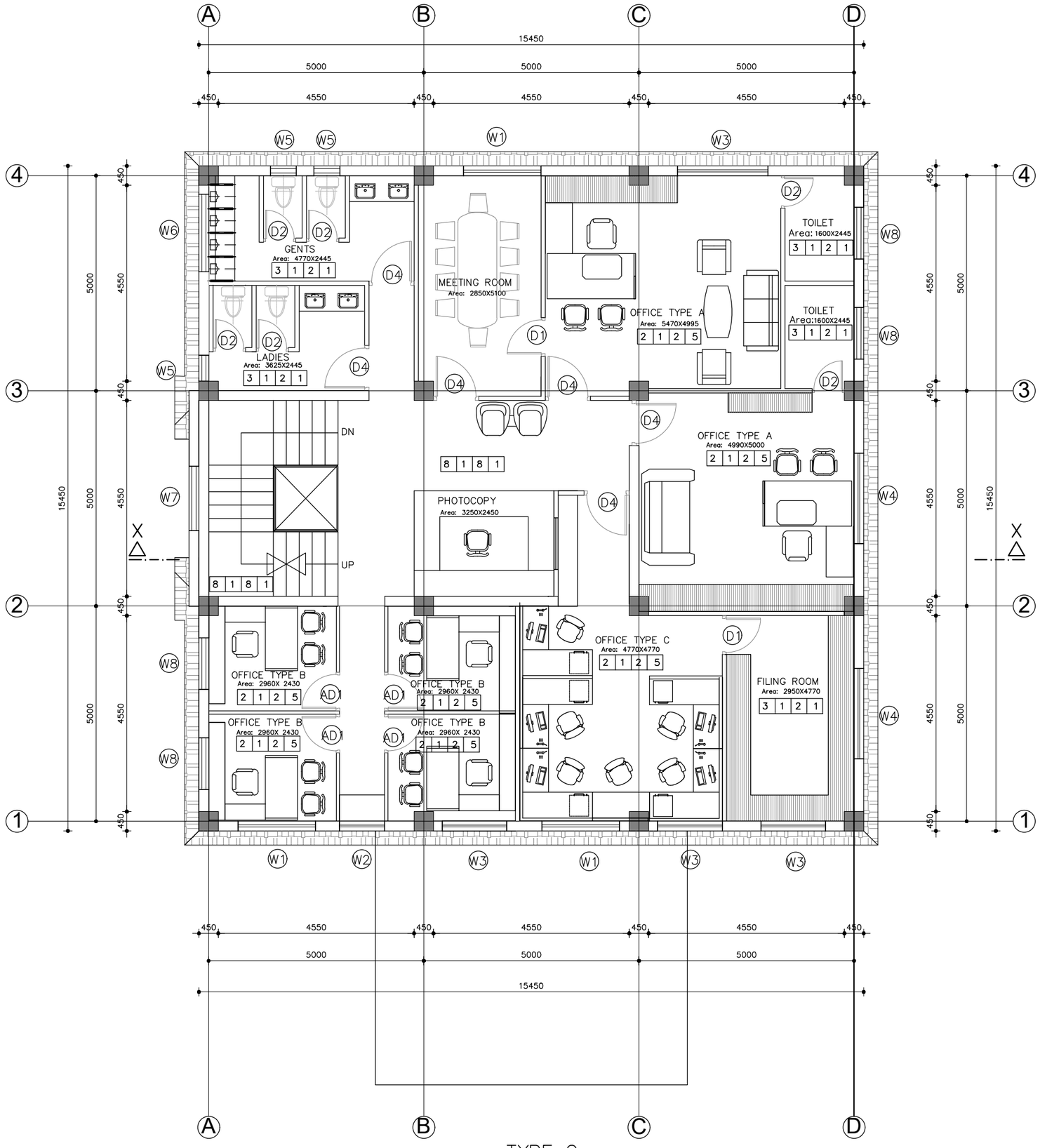
Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING
TYPE G
GROUND FLOOR PLAN
SHEET 1 OF 4
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1626 REV. A



TYPE G
FIRST FLOOR PLAN

AREA: 239.85 m2

NOTES:

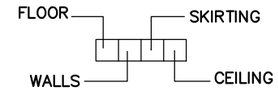
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	7
3.	D2	DOOR	750 x 2100	11
4.	D3	DOOR	1200 x 2100	1
5.	D4	DOOR	1050 x 2100	10
6.	W1	WINDOW	1800 x 1500	8
7.	W2	"	1050 x1500	2
8.	W3	"	1500 x1500	7
9.	W4	"	2100 x1500	8
10.	W5	"	600 x1500	6
11.	W6	"	1800 x600	2
12.	W7	"	1500 x7450	1
13.	W8	"	1200 x1500	8
14.	AD1	Aluminium Door	900 x1500	8

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1626	PERMANENT CAMP AND ROADS, TYPE G, ELEVATION & SECTION, SHEET 4 OF 4

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

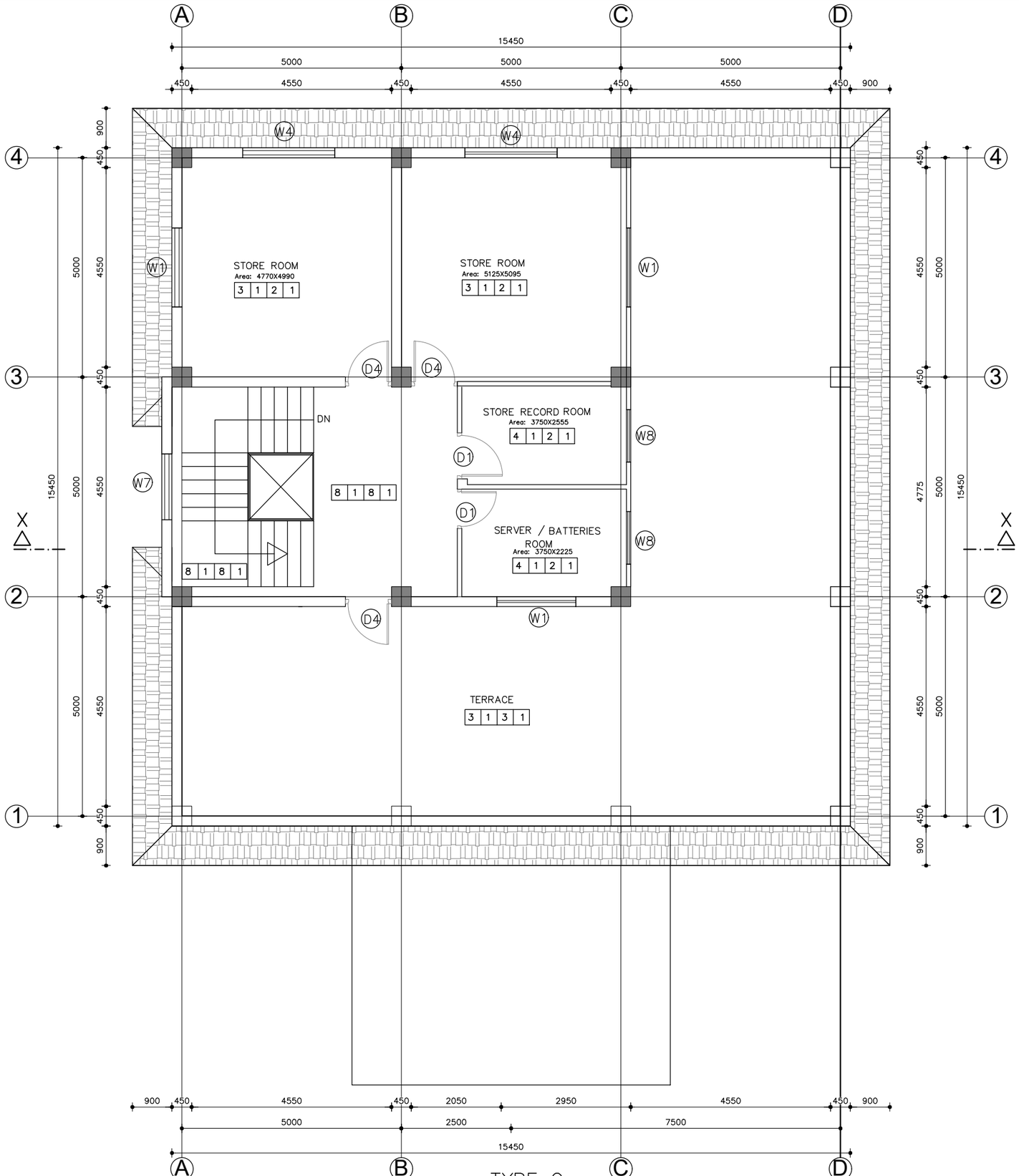
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
FIRST FLOOR PLAN
SHEET 2 OF 4
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1626 | REV. | A



TYPE G

SECOND FLOOR PLAN

AREA: 110.35 m2

NOTES:

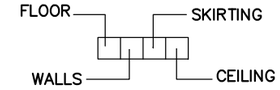
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	2400 x 2100	1
2.	D1	DOOR	900 x 2100	7
3.	D2	DOOR	750 x 2100	11
4.	D3	DOOR	1200 x 2100	1
5.	D4	DOOR	1050 x 2100	10
6.	W1	WINDOW	1800 x 1500	8
7.	W2	"	1050 x1500	2
8.	W3	"	1500 x1500	7
9.	W4	"	2100 x1500	8
10.	W5	"	600 x1500	6
11.	W6	"	1800 x600	2
12.	W7	"	1500 x7450	1
13.	W8	"	1200 x1500	8
14.	AD1	Aluminium Door	900 x1500	8

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1626	PERMANENT CAMP AND ROADS, TYPE G, ELEVATION & SECTION, SHEET 4 OF 4

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING
TYPE G
SECOND FLOOR PLAN
SHEET 3 OF 4
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31−00053−DD−5310− Q 1626 REV. A

NOTES:

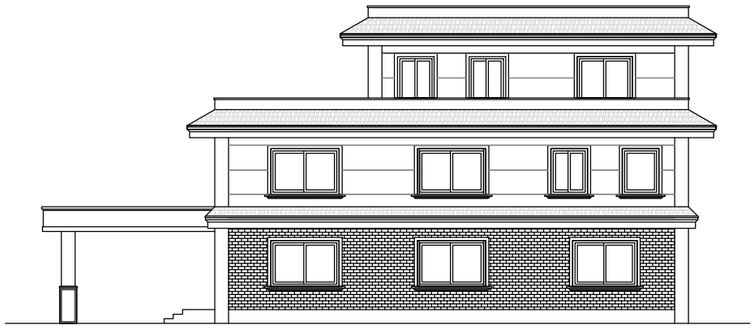
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



FRONT ELEVATION



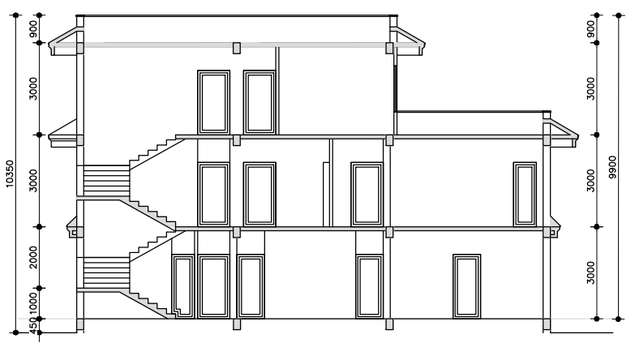
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE 1:200

−2000(mm) 0 2 4 6 8 10 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G, GROUND FLOOR PLAN, SHEET 1 OF 4
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G, FIRST FLOOR PLAN, SHEET 2 OF 4
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G, SECOND FLOOR PLAN, SHEET 3 OF 4

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

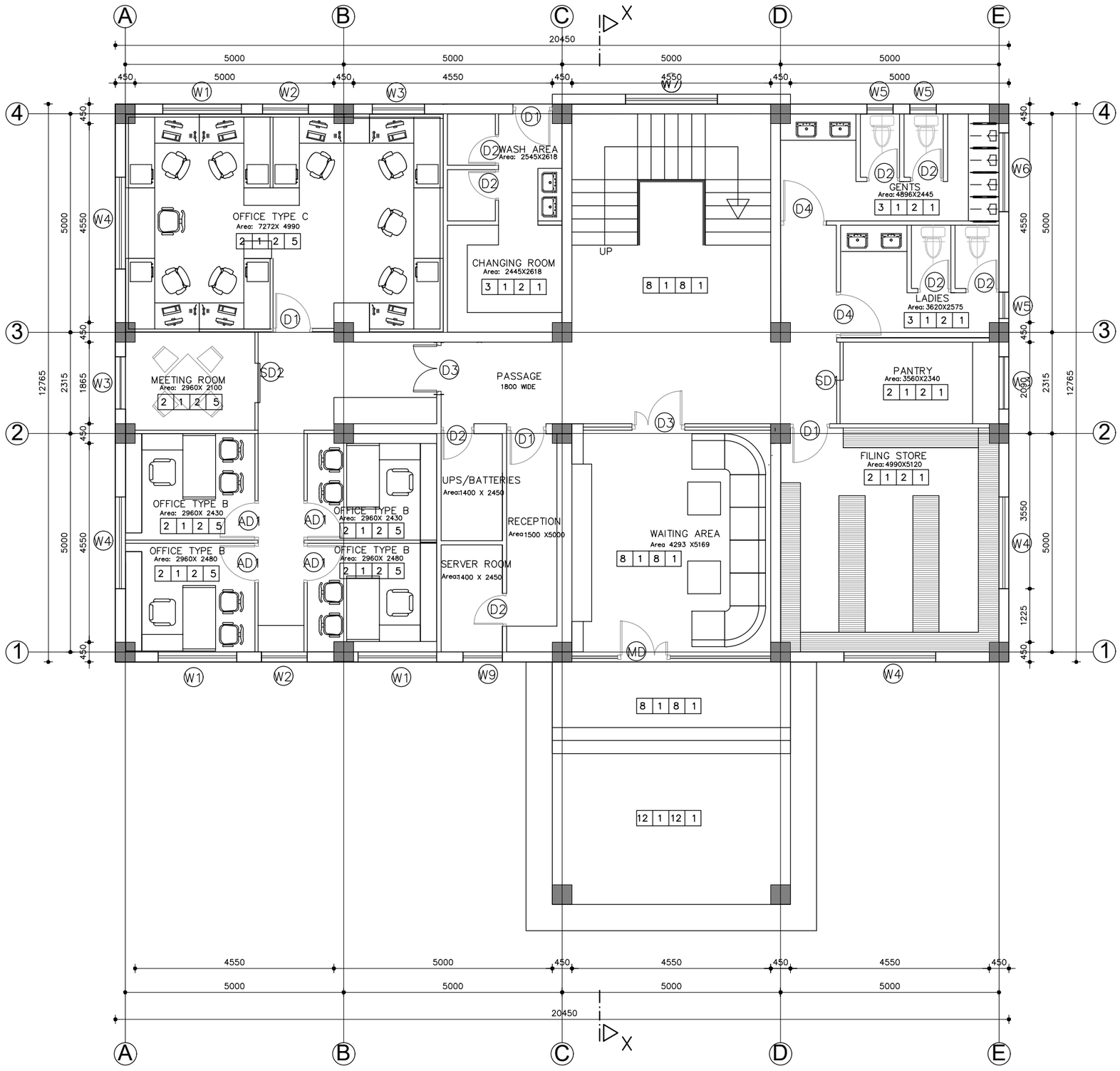
Scale A3: 1:200

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING
TYPE G
ELEVATIONS AND SECTION
SHEET 4 OF 4
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1626 | REV. | A



TYPE H
GROUND FLOOR PLAN

AREA: 291.91 m2

NOTES:

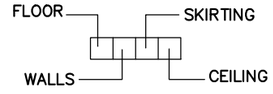
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	4550 x 2100	1
2.	D1	DOOR	900 x 2100	9
3.	D2	DOOR	750 x 2100	18
4.	D3	DOOR	1200 x 2100	2
5.	D4	DOOR	1050 x 2100	13
6.	W1	WINDOW	1800 x 1500	16
7.	W2	"	1050 x1500	6
8.	W3	"	1200 x1500	9
9.	W4	"	2100 x1500	15
10.	W5	"	600 x1500	10
11.	W6	"	1800 x600	3
12.	W7	"	2100 x10450	1
13.	AD1	Aluminium Door	900 x1500	8

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1627	PERMANENT CAMP AND ROADS, TYPE H, ELEVATION & SECTION, SHEET 5 OF 5

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

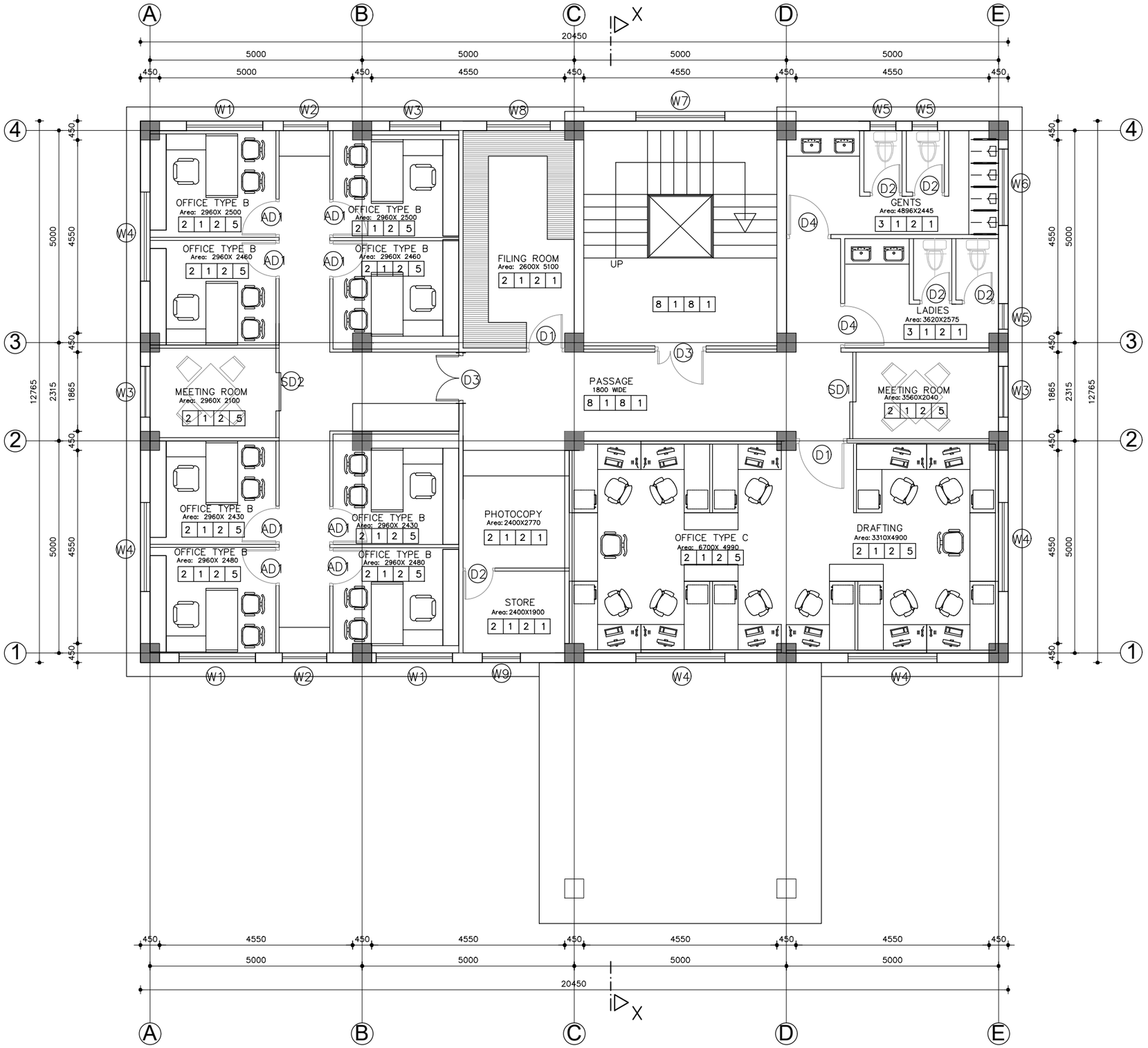
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
GROUND FLOOR PLAN
SHEET 1 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1627 REV. A



TYPE H

FIRST FLOOR PLAN

AREA: 261.04 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	4550 x 2100	1
2.	D1	DOOR	900 x 2100	9
3.	D2	DOOR	750 x 2100	18
4.	D3	DOOR	1200 x 2100	2
5.	D4	DOOR	1050 x 2100	13
6.	W1	WINDOW	1800 x 1500	16
7.	W2	"	1050 x1500	6
8.	W3	"	1200 x1500	9
9.	W4	"	2100 x1500	15
10.	W5	"	600 x1500	10
11.	W6	"	1800 x600	3
12.	W7	"	2100 x10450	1
13.	AD1	Aluminium Door	900 x1500	8

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE

FLOOR — SKIRTING

WALLS — CEILING

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1627	PERMANENT CAMP AND ROADS, TYPE H, ELEVATION & SECTION, SHEET 5 OF 5

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

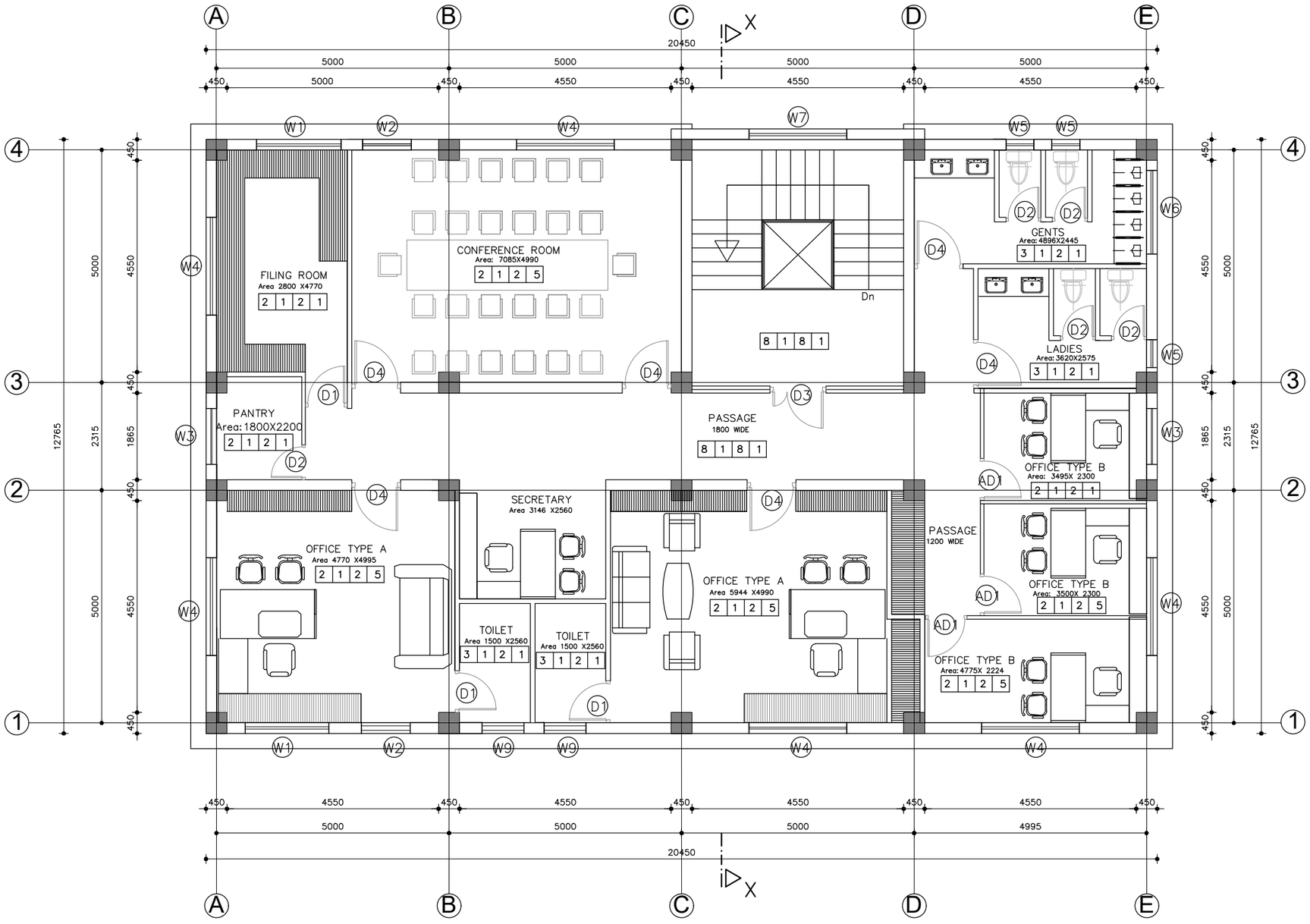
Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING
TYPE H
FIRST FLOOR PLAN
SHEET 2 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1627 | REV. A



TYPE H
SECOND FLOOR PLAN

AREA: 261.04 m2

NOTES:

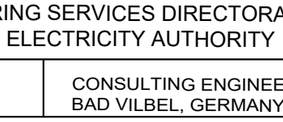
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	4550 x 2100	1
2.	D1	DOOR	900 x 2100	9
3.	D2	DOOR	750 x 2100	18
4.	D3	DOOR	1200 x 2100	2
5.	D4	DOOR	1050 x 2100	13
6.	W1	WINDOW	1800 x 1500	16
7.	W2	"	1050 x1500	6
8.	W3	"	1200 x1500	9
9.	W4	"	2100 x1500	15
10.	W5	"	600 x1500	10
11.	W6	"	1800 x600	3
12.	W7	"	2100 x10450	1
13.	AD1	Aluminium Door	900 x1500	8

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1627	PERMANENT CAMP AND ROADS, TYPE H, ELEVATION & SECTION, SHEET 5 OF 5

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

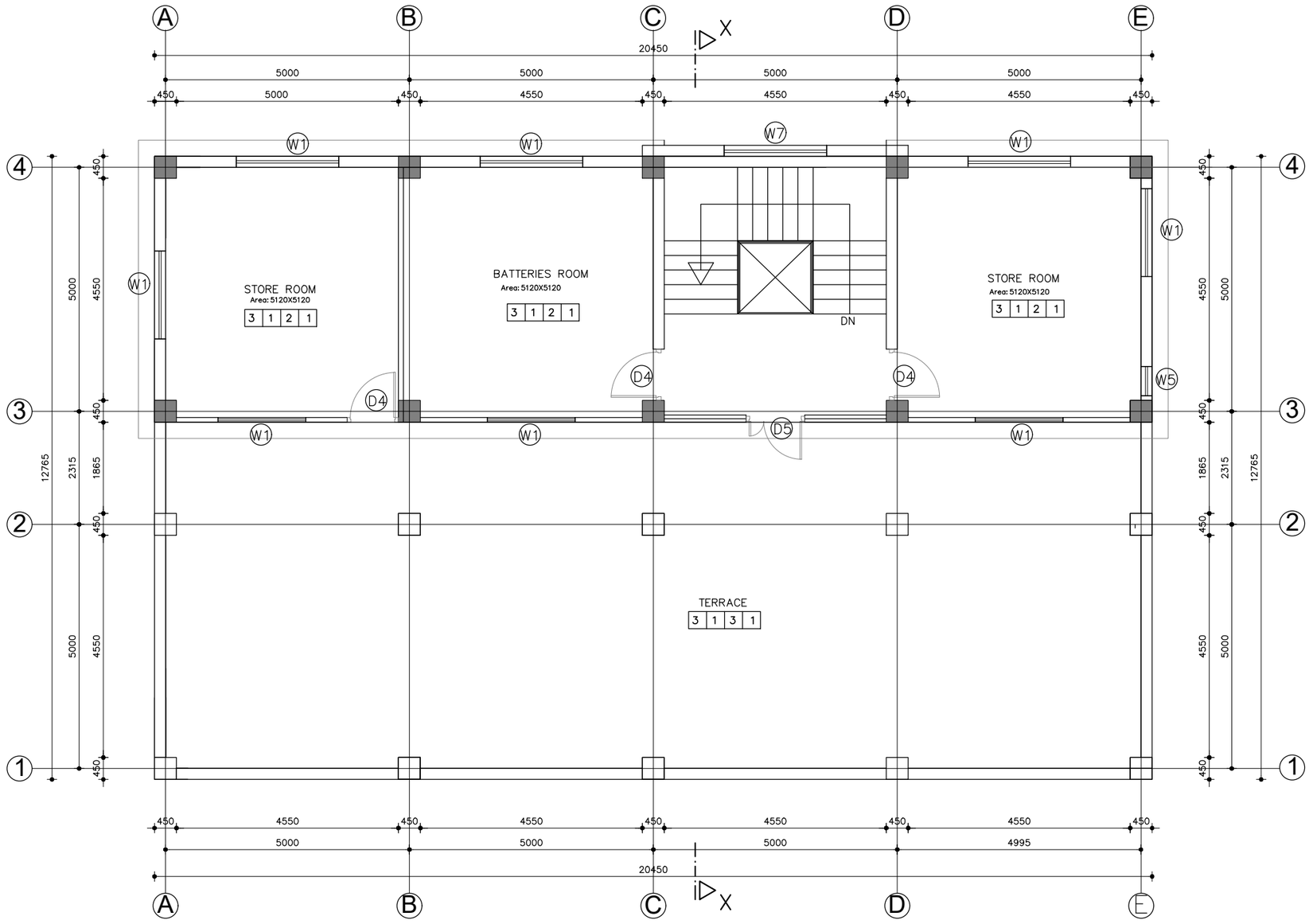
Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
SECOND FLOOR PLAN
SHEET 3 OF 5
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31−00053−DD−5310− Q 1627 REV. A



TYPE H

THIRD FLOOR PLAN

AREA: 111.45 m2

NOTES:

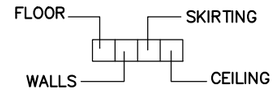
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	4550 x 2100	1
2.	D1	DOOR	900 x 2100	9
3.	D2	DOOR	750 x 2100	18
4.	D3	DOOR	1200 x 2100	2
5.	D4	DOOR	1050 x 2100	13
6.	W1	WINDOW	1800 x 1500	16
7.	W2	"	1050 x1500	6
8.	W3	"	1200 x1500	9
9.	W4	"	2100 x1500	15
10.	W5	"	600 x1500	10
11.	W6	"	1800 x600	3
12.	W7	"	2100 x10450	1
13.	AD1	Aluminium Door	900 x1500	8

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1627	PERMANENT CAMP AND ROADS, TYPE H, ELEVATION & SECTION, SHEET 5 OF 5

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING

TYPE H

THIRD FLOOR PLAN

SHEET 4 OF 5

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1627 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



FRONT ELEVATION



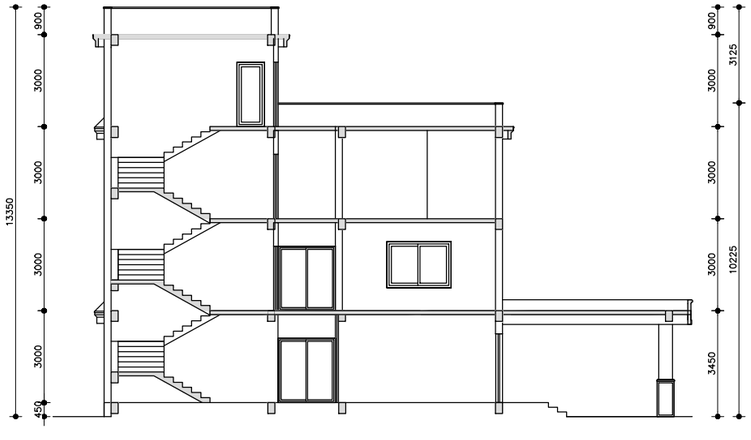
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE 1:200

−2000(mm) 0 2 4 6 8 10 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H, GROUND FLOOR PLAN, SHEET 1 OF 5
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H, FIRST FLOOR PLAN, SHEET 2 OF 5
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H, SECOND FLOOR PLAN, SHEET 3 OF 5
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYTPE H, THIRD FLOOR PLAN, SHEET 4 OF 5

Revisions

Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:200

DETAILED DESIGN

PERMANENT CAMP AND ROADS

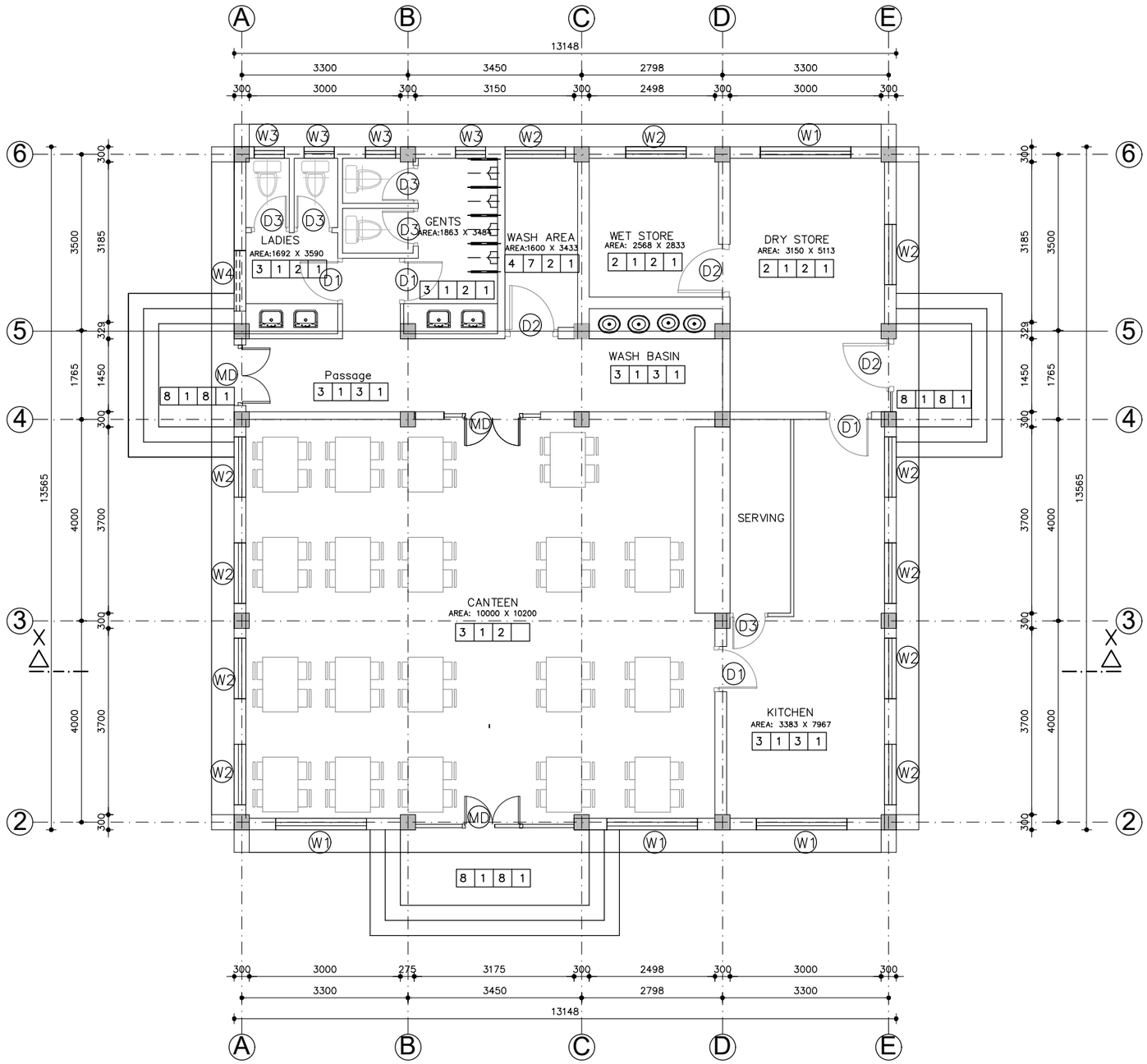
ADMINISTRATION BUILDING TYPE H

ELEVATIONS AND SECTION

SHEET 5 OF 5

PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1627 REV. A



TYPE I
GROUND FLOOR PLAN
AREA: 177.8 m2

NOTES:

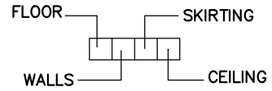
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1200 x 2100	3
2.	D1	DOOR	900 x 2100	4
3.	D2	DOOR	1050 x 2100	3
4.	D3	DOOR	750 x 2100	5
5.	W1	WINDOW	1800 x 1500	4
6.	W2	"	1200 x1500	10
7.	W3	"	600 x1500	4
8.	W4	"	1200 x600	1
9.	W5	"	600 x1500	10

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	P.O.P
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1628	PERMANENT CAMP AND ROADS, TYPE I, ELEVATION AND SECTION, SHEET 3 OF 3

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

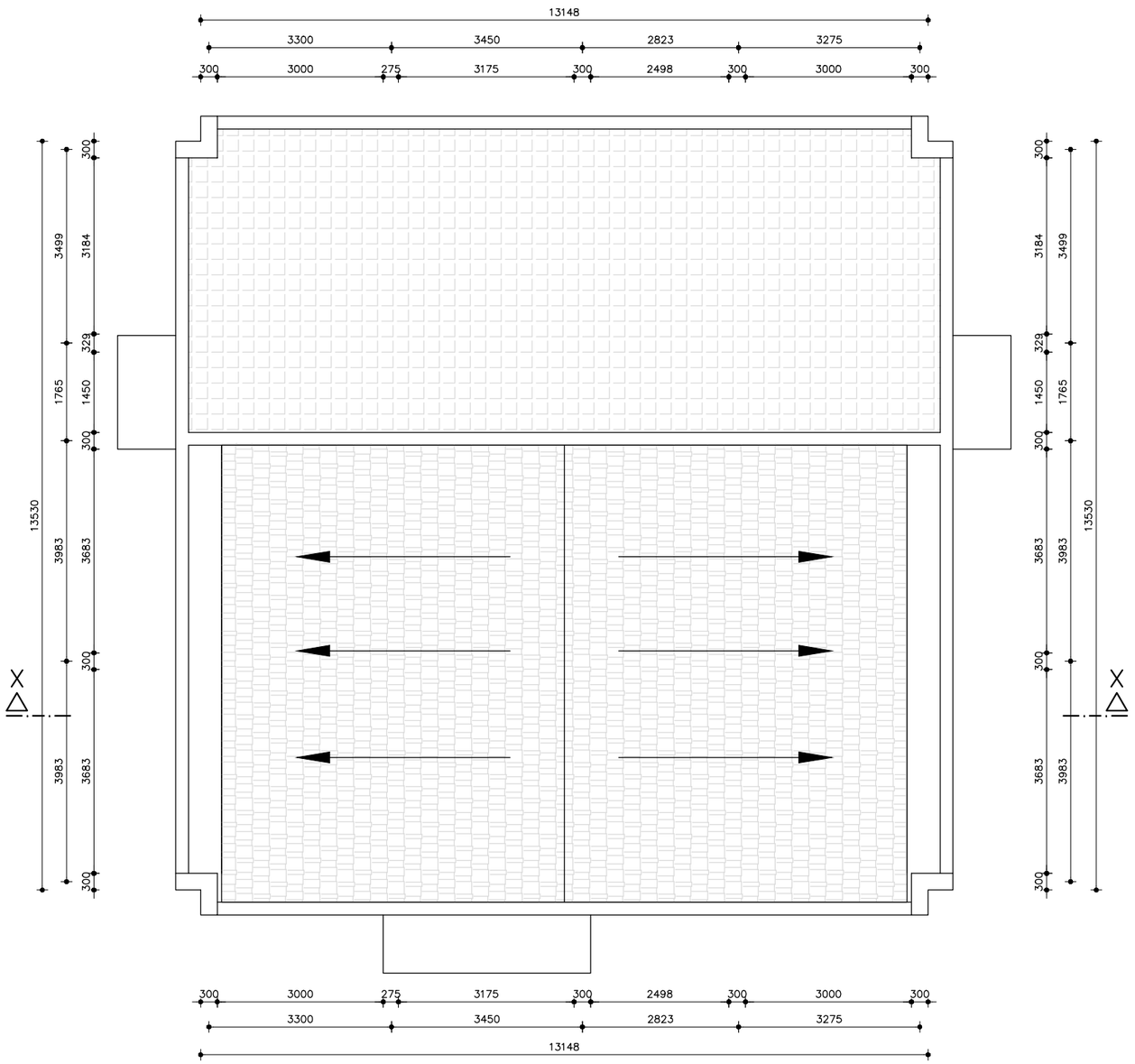
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE I
GROUND FLOOR PLAN
SHEET 1 OF 3
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1628 | REV. | A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



TYPE I
ROOF PLAN

SCALE
−1000(mm) 0 1 2 3 4 5 [m]
1:100

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1628	PERMANENT CAMP AND ROADS, TYPE I, ELEVATION AND SECTION, SHEET 3 OF 3

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE I
ROOF PLAN
SHEET 2 OF 3
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1628 | REV. | A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



FRONT ELEVATION



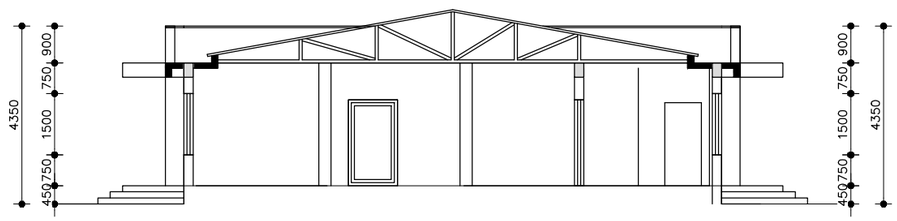
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE 1:150

–1500(mm) 0 1.5 3 4.5 6 7.5 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1628	PERMANENT CAMP AND ROADS, TYPE I, GROUND FLOOR PLAN, SHEET 1 OF 3
31–00053–DD–5310–Q–1628	PERMANENT CAMP AND ROADS, TYPE I, ROOF PLAN, SHEET 2 OF 3

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

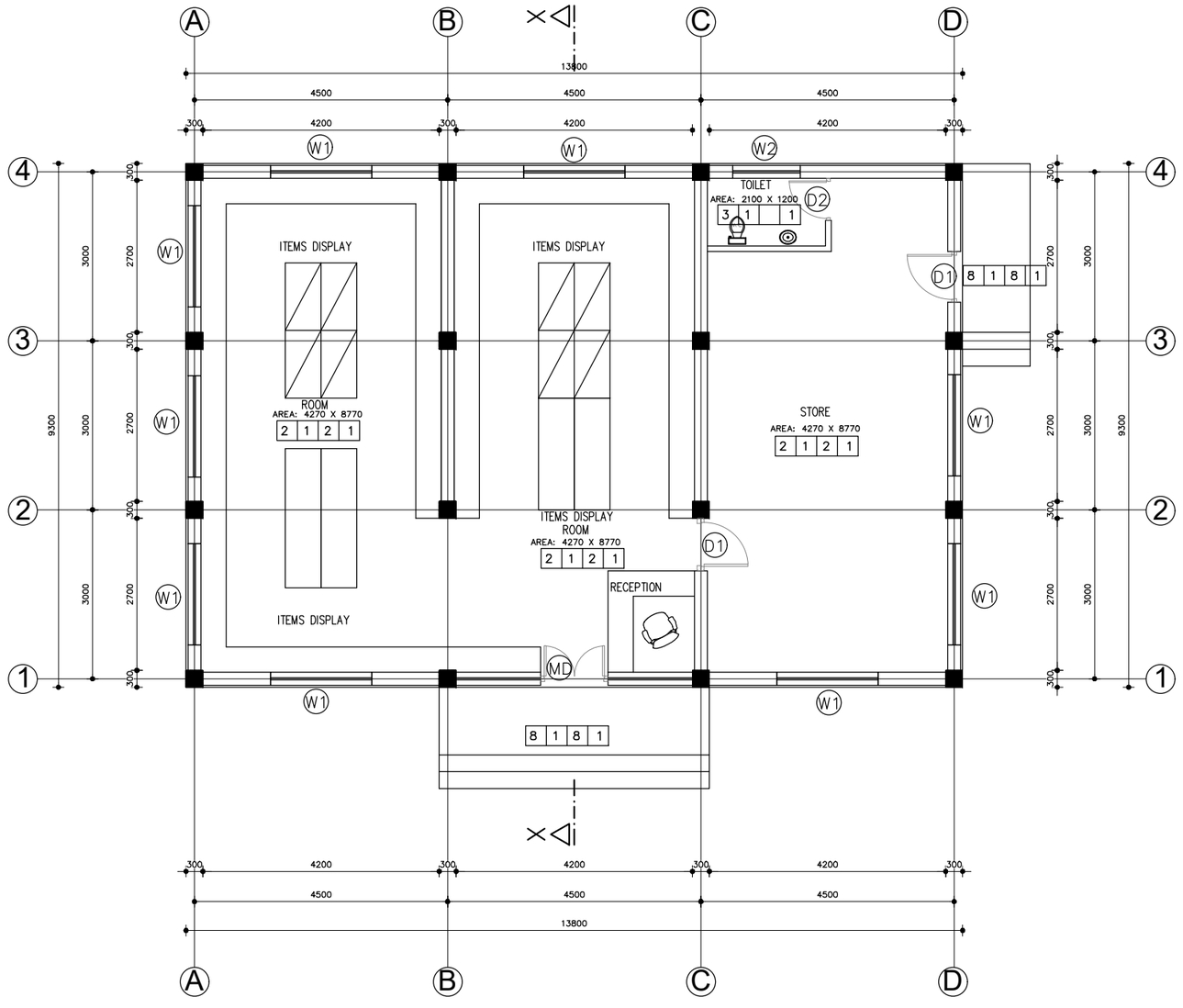
Scale A3: 1:150

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING
TYPE I
ELEVATION AND SECTION
SHEET 3 OF 3
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1628 | REV. | A



TYPE J
GROUND FLOOR PLAN

AREA: 128.34 m2

NOTES:

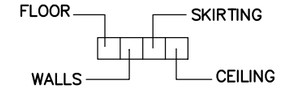
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1200 x 2100	1
2.	D1	DOOR	900 x 2100	2
3.	D2	DOOR	750 x 2100	1
4.	W1	WINDOW	1800 x 1500	9
5.	W2	"	1200 x1500	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	MOSIAIC FLOORING
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1629	PERMANENT CAMP AND ROADS, TYPE J, ELEVATION AND SECTION, SHEET 2 OF 2

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD− File No.:

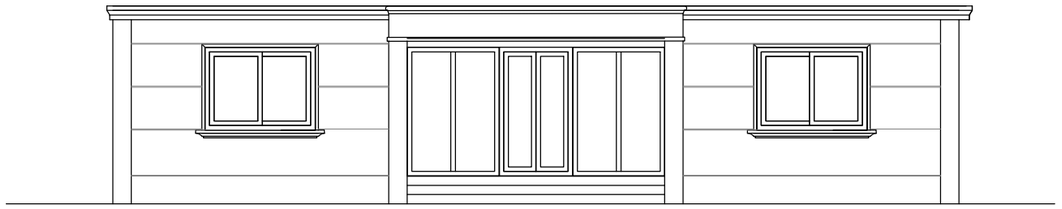
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE J
GROUND FLOOR PLAN
SHEET 1 OF 2
PROJECT DRAWING

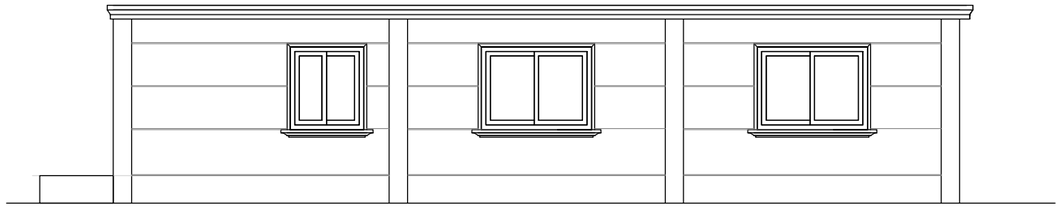
Drwg. No.: 31−00053−DD−5310− Q 1629 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



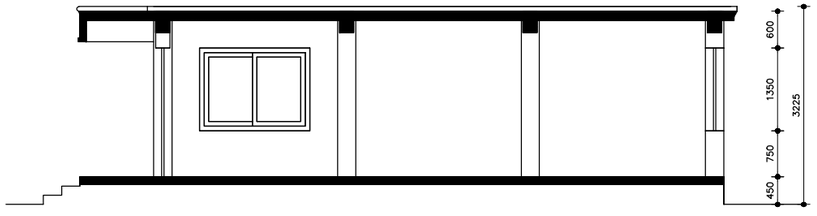
FRONT ELEVATION



BACK ELEVATION

SIDE ELEVATION

SIDE ELEVATION



SECTION AT X–X

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings	
Drwg. No.	Title
31–00053–DD–5310–Q–1629	PERMANENT CAMP AND ROADS, TYPE J, GROUND FLOOR PLAN, SHEET 1 OF 2

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

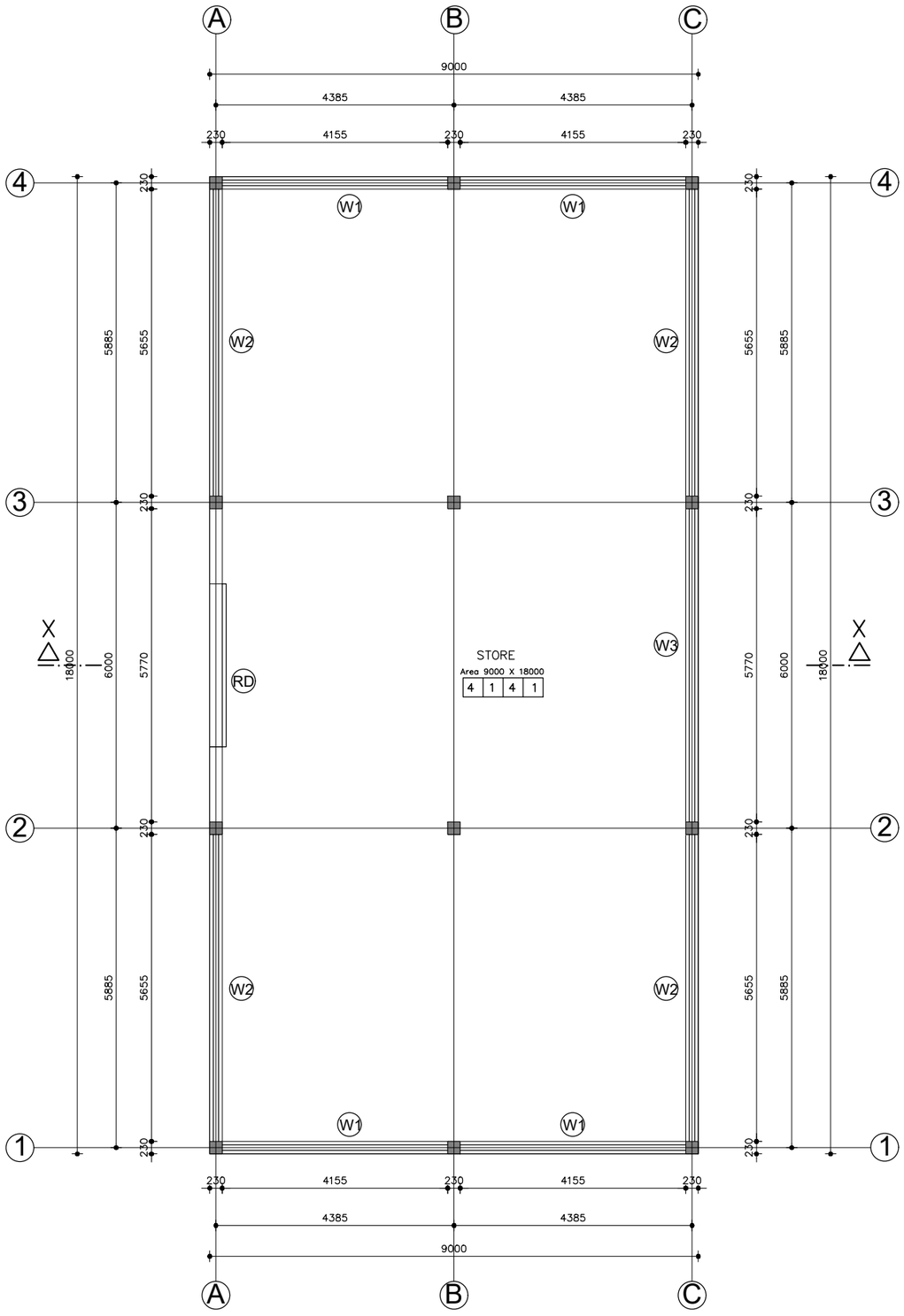
DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING
TYPE J
ELEVATION AND SECTION
SHEET 2 OF 2
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31–00053–DD–5310– Q 1629 REV. A



TYPE K

GROUND FLOOR PLAN

AREA: 162 m2

NOTES:

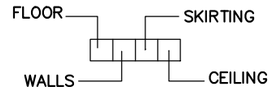
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	RD	ROLLING SHUTTER	1800 x 2100	1
2.	W1	WINDOW	4155 x 600	4
3.	W2	"	5655 x600	4
4.	W3	"	5770 x600	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	MOSIAIC FLOORING
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1630	PERMANENT CAMP AND ROADS, TYPE K, ELEVATION AND SECTION, SHEET 2 OF 2

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING

TYPE K

GROUND FLOOR PLAN

SHEET 1 OF 2

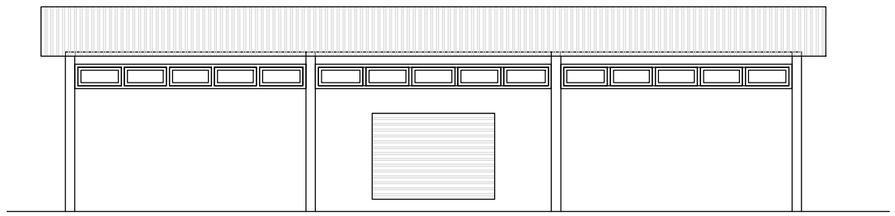
PROJECT DRAWING

Scale A3: 1:100

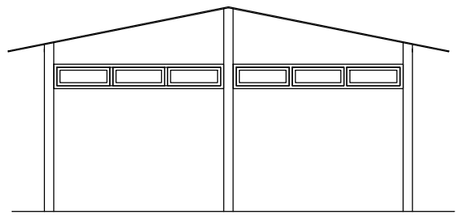
Drwg. No.: 31−00053−DD−5310− Q 1630 REV. A

NOTES:

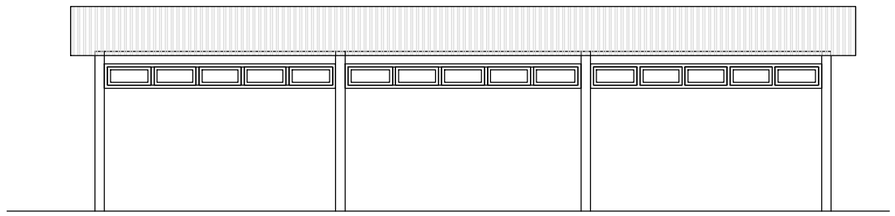
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



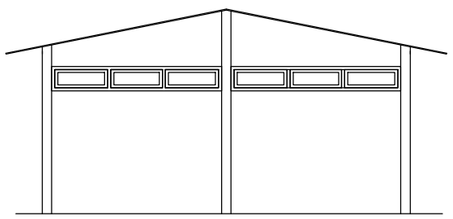
FRONT ELEVATION



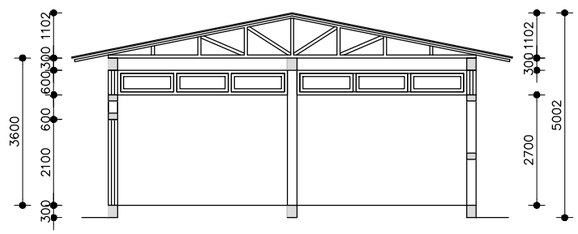
SIDE ELEVATION



BACK ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE
−1500(mm) 0 1.5 3 4.5 6 7.5 [m]
1:150

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1630	PERMANENT CAMP AND ROADS, TYPE K, GROUND FLOOR PLAN, SHEET 1 OF 2

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

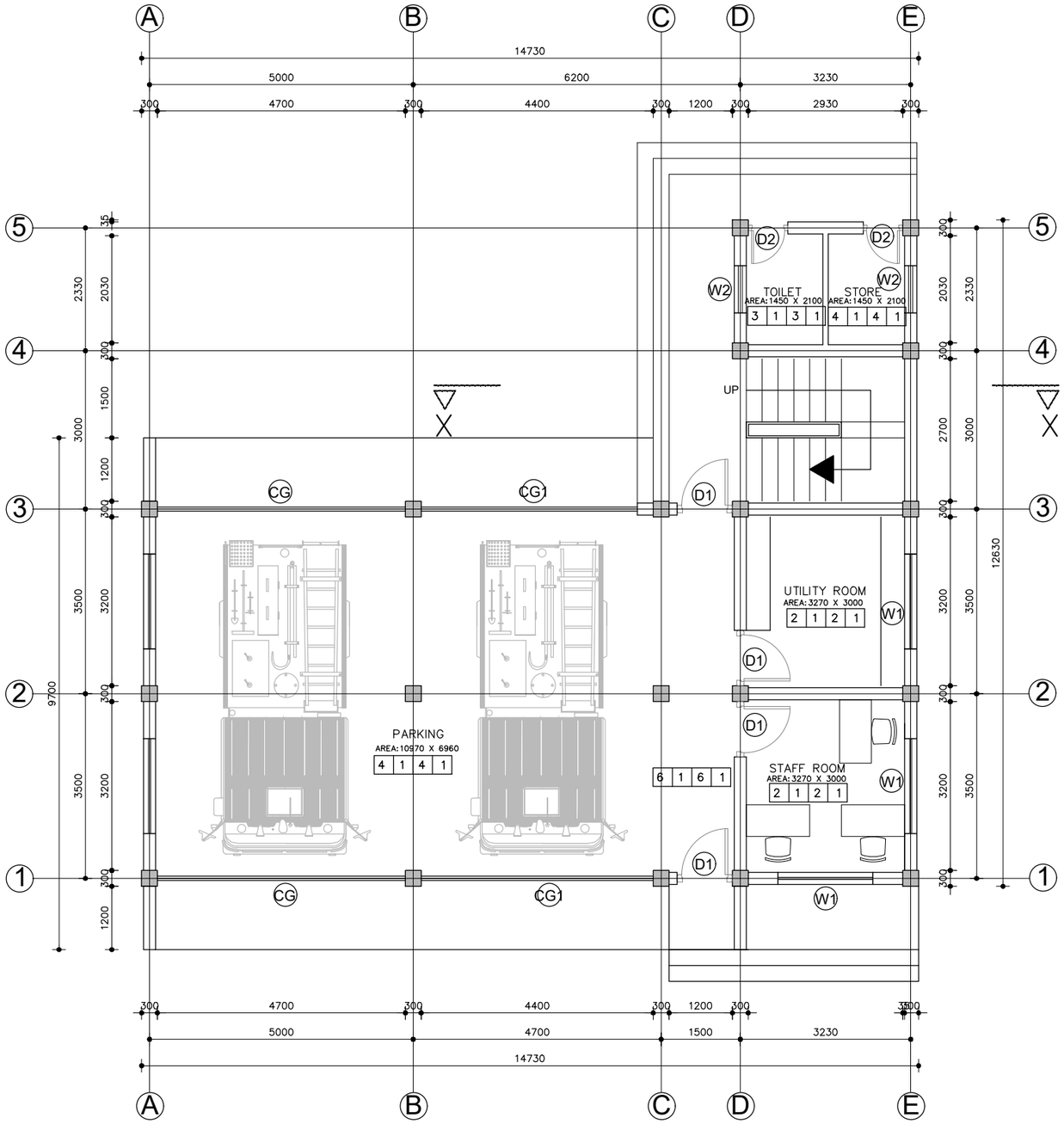
Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE K
ELEVATION AND SECTION
SHEET 2 OF 2
PROJECT DRAWING

Scale A3: 1:150

Drwg. No.: 31–00053–DD–5310– Q 1630 REV. A



TYPE L
GROUND FLOOR PLAN
Area: 126.34 sq.ft

NOTES:

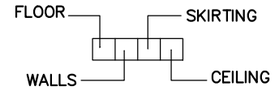
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	CG	CHANEL GATE	4700 x 2900	2
2.	CG1	"	4400 x 2900	2
3.	D1	DOOR	1050 x 2100	4
4.	D2	DOOR	750 x 2100	4
5.	D3	DOOR	900 x 2100	2
6.	W1	WINDOW	1800 x 1500	6
7.	W2	"	900 x1500	4

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	MOSIAIC FLOORING
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1631	PERMANENT CAMP AND ROADS, TYPE L, ELEVATION AND SECTION, SHEET 3 OF 3

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

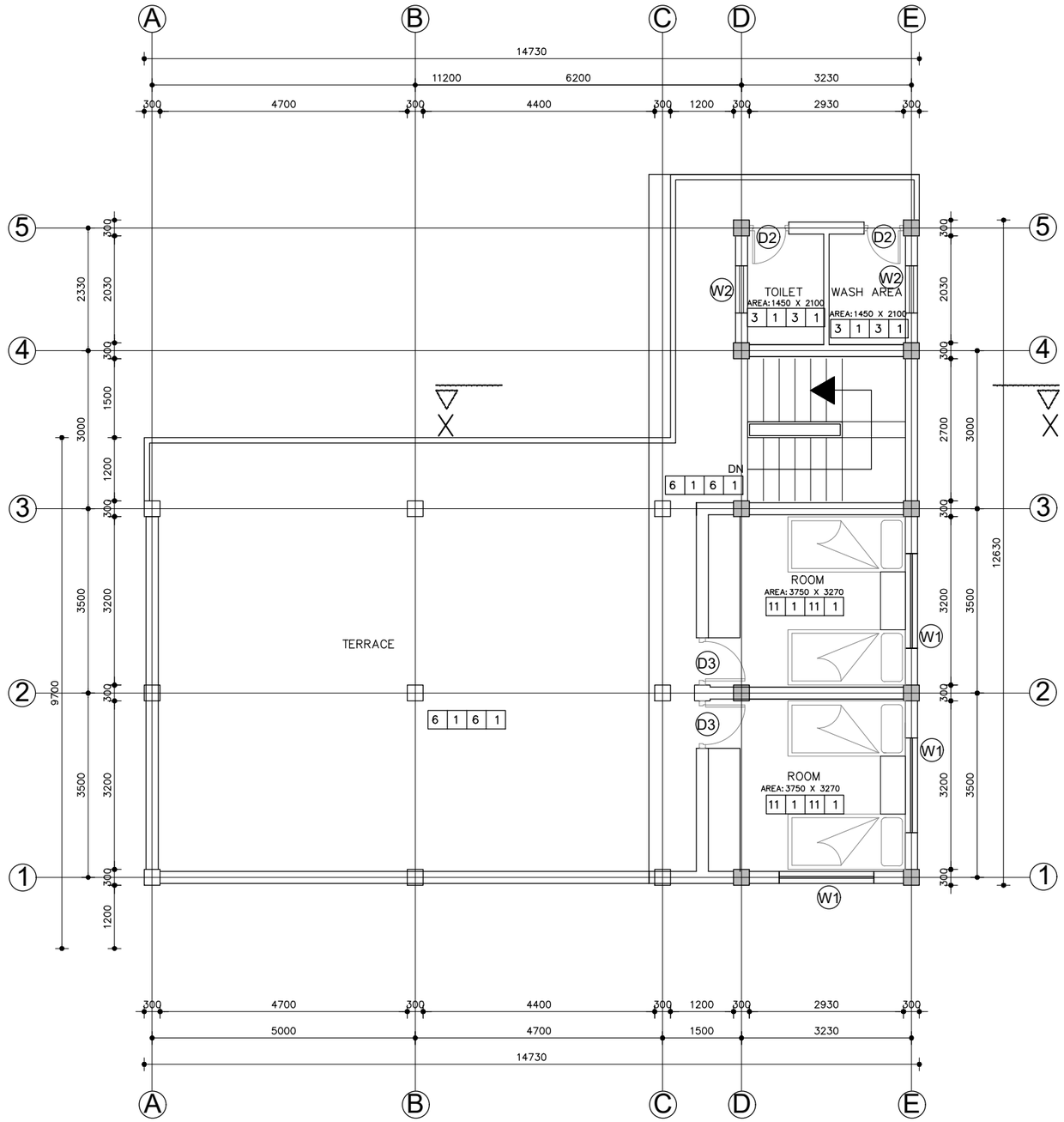
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE L
GROUND FLOOR PLAN
SHEET 1 OF 3
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1631 REV. A



TYPE L

FIRST FLOOR PLAN

Area: 49.65 sq.ft

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	CG	CHANEL GATE	4700 x 2900	2
2.	CG1	"	4400 x 2900	2
3.	D1	DOOR	1050 x 2100	4
4.	D2	DOOR	750 x 2100	4
5.	D3	DOOR	900 x 2100	2
6.	W1	WINDOW	1800 x 1500	6
7.	W2	"	900 x1500	4

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	MOSIAIC FLOORING
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE

FLOOR — SKIRTING

WALLS — CEILING

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1631	PERMANENT CAMP AND ROADS, TYPE L, ELEVATION AND SECTION, SHEET 3 OF 3

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING

TYPE L

FIRST FLOOR PLAN

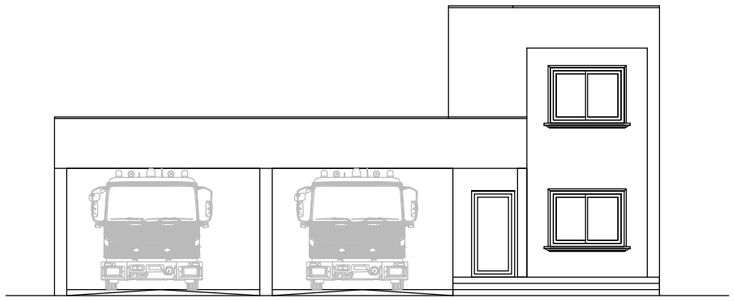
SHEET 2 OF 3

PROJECT DRAWING

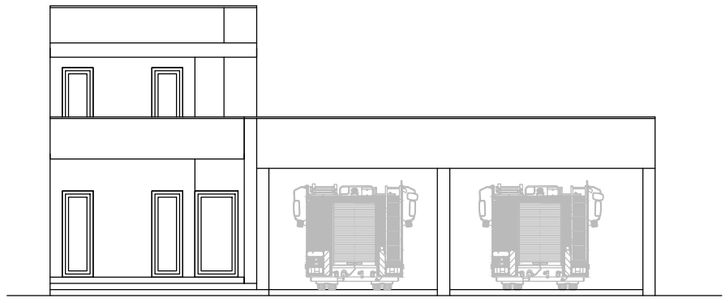
Drwg. No.: 31−00053−DD−5310− Q 1631 REV. A

NOTES:

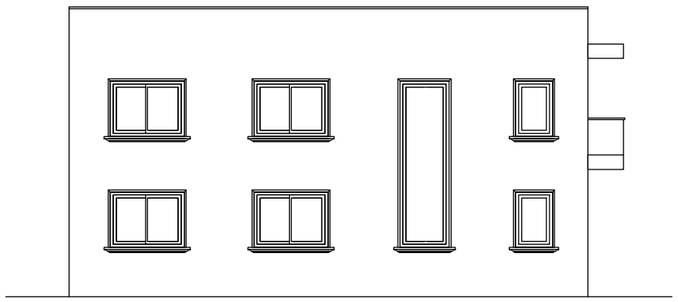
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



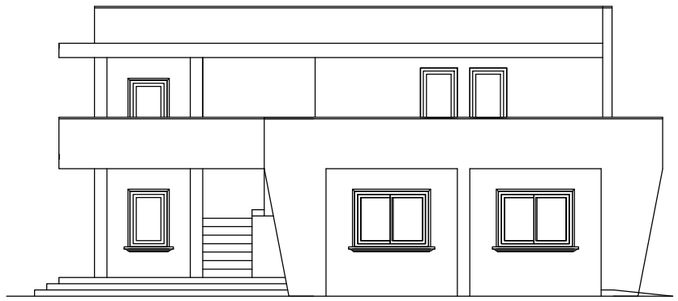
FRONT ELEVATION



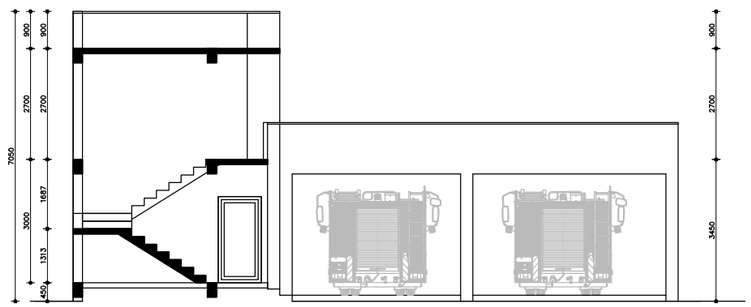
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE
−1000(mm) 0 1 2 3 4 5 [m]
1:100

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1631	PERMANENT CAMP AND ROADS, TYPE L, GROUND FLOOR PLAN, SHEET 1 OF 3
31–00053–DD–5310–Q–1631	PERMANENT CAMP AND ROADS, TYPE L, FIRST FLOOR PLAN, SHEET 2 OF 3

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

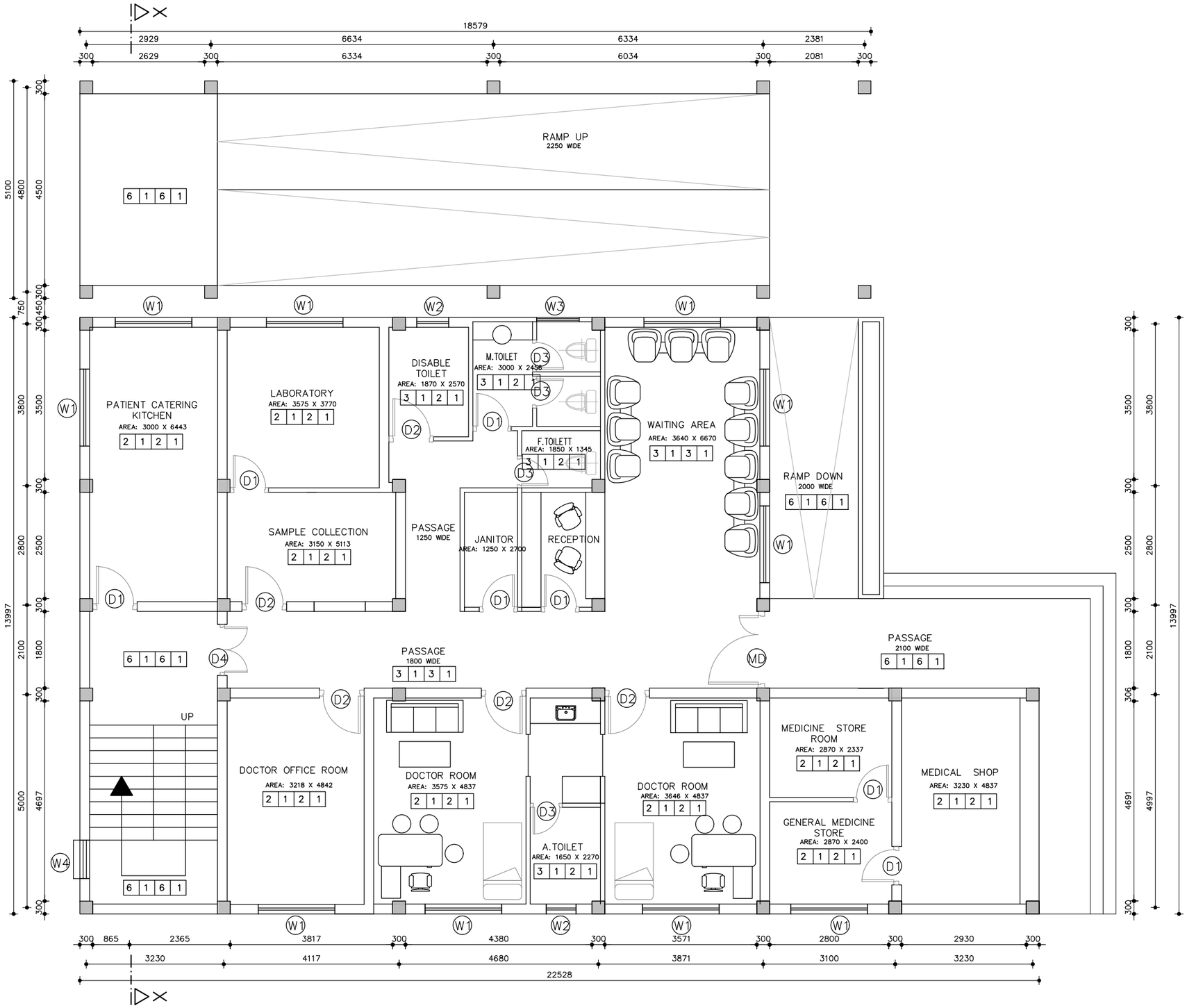
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE L
ELEVATION AND SECTION
SHEET 3 OF 3
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1631 REV. A



TYPE M
GROUND FLOOR PLAN

AREA: 260.21 m2

NOTES:

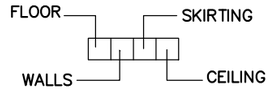
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1800 x 2100	1
2.	D1	DOOR	900 x 2100	6
3.	D2	DOOR	1050 x 2100	11
4.	D3	DOOR	750 x 2100	10
5.	W1	WINDOW	1800 x 1500	22
6.	W2	"	750 x1500	4
7.	W3	"	1000 x1500	1
8.	W4	"	900 x6050	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	MOSIAIC FLOORING
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1632	PERMANENT CAMP AND ROADS, TYPE M, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

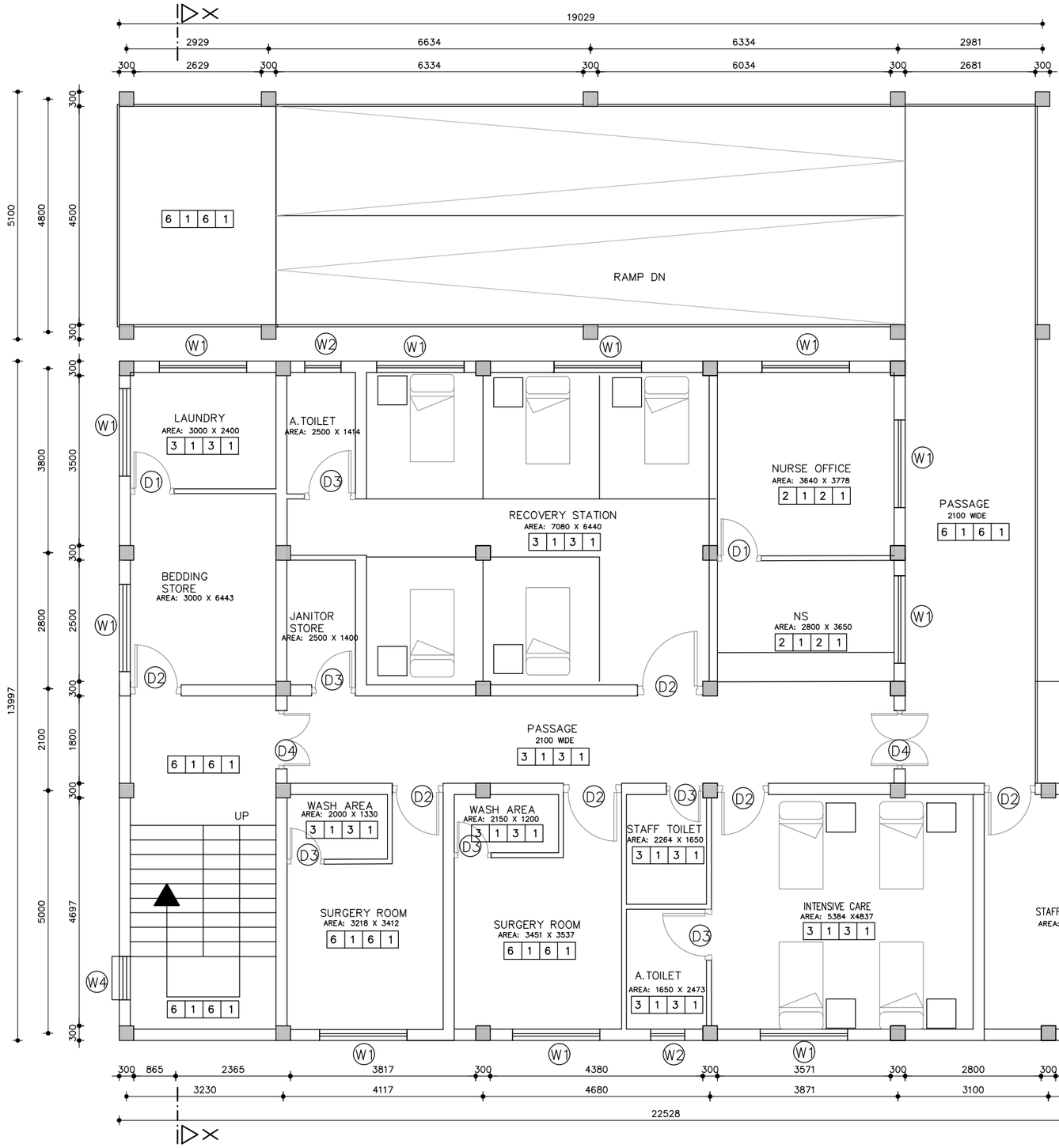
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
GROUND FLOOR PLAN
SHEET 1 OF 4
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1632 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



TYPE M

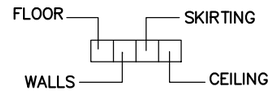
FIRST FLOOR PLAN

AREA: 260.21 m2

OPENING SCHEDULE				
S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1800 x 2100	1
2.	D1	DOOR	900 x 2100	6
3.	D2	DOOR	1050 x 2100	11
4.	D3	DOOR	750 x 2100	10
5.	W1	WINDOW	1800 x 1500	22
6.	W2	"	750 x1500	4
7.	W3	"	1000 x1500	1
8.	W4	"	900 x6050	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	MOSIAIC FLOORING
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1632	PERMANENT CAMP AND ROADS, TYPE M, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

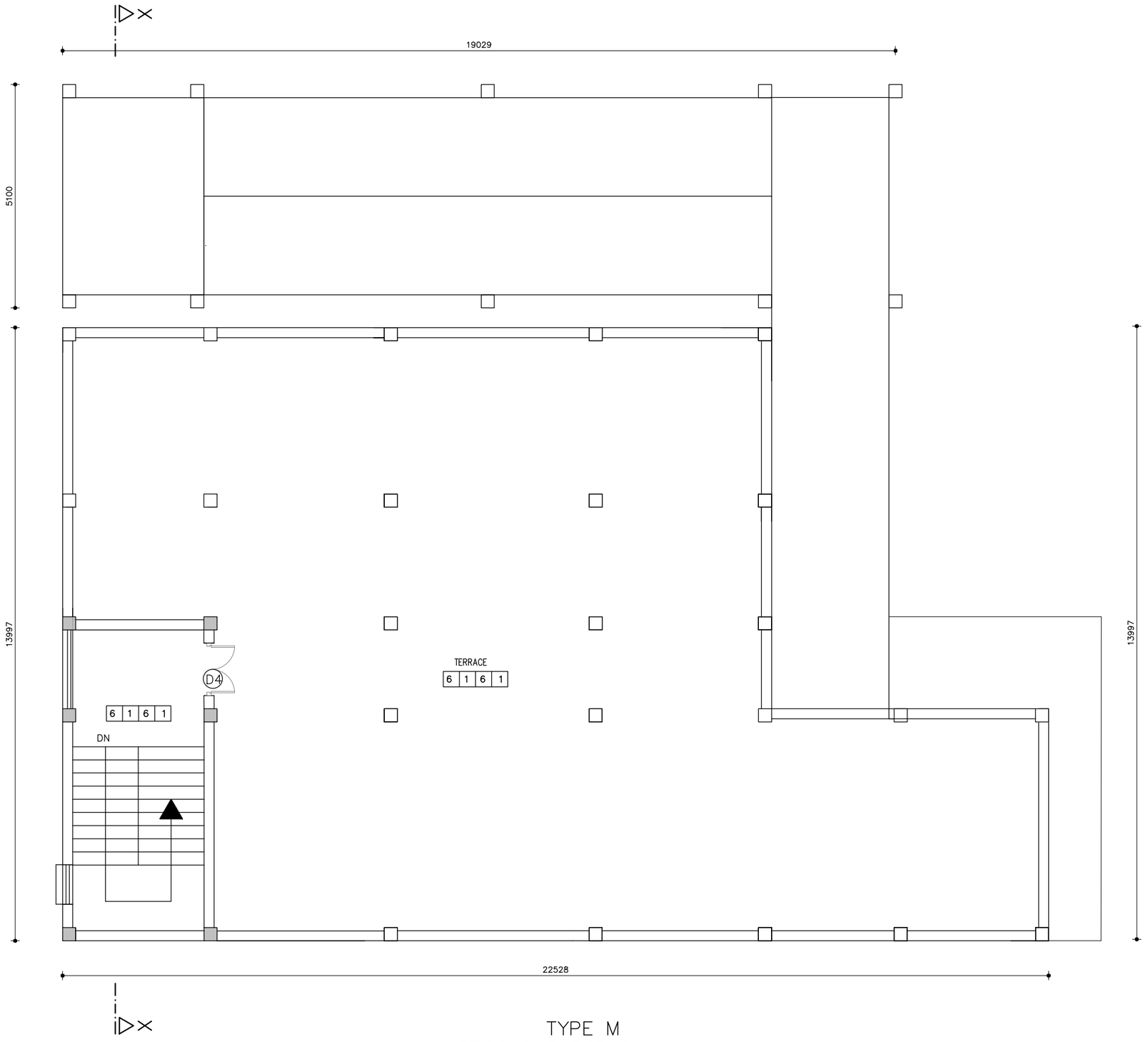
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
FIRST FLOOR PLAN
SHEET 2 OF 4
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1632 REV. A



TYPE M
SECOND FLOOR PLAN

AREA: 260.21 m2

NOTES:

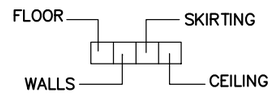
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

OPENING SCHEDULE

S.NO.	S.Y.	PARTICULAR	SIZE	NO.
1.	MD	MAIN DOOR	1800 x 2100	1
2.	D1	DOOR	900 x 2100	6
3.	D2	DOOR	1050 x 2100	11
4.	D3	DOOR	750 x 2100	10
5.	W1	WINDOW	1800 x 1500	22
6.	W2	"	750 x1500	4
7.	W3	"	1000 x1500	1
8.	W4	"	900 x6050	1

FLOOR FINISHES

1.	BIRLA PUTTING + PAINT
2.	CERAMIC TILE
3.	NON SKID CERAMIC TILE
4.	I.P.S
5.	GYPSUM FALSE CEILING
6.	MOSIAIC FLOORING
7.	CEMENT PLASTER + PAINT
8.	GRANITE
9.	POLYCONCTRETE FINISH
10.	PARQUETTING/ WOOD
11.	CARPET
12.	PARKING TILE



SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1632	PERMANENT CAMP AND ROADS, TYPE M, ELEVATION AND SECTION, SHEET 4 OF 4

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
SECOND FLOOR PLAN
SHEET 3 OF 4
PROJECT DRAWING

Scale A3: 1:100

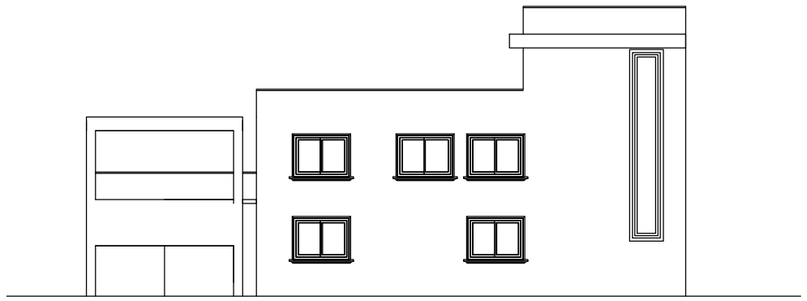
Drwg. No.: 31−00053−DD−5310− Q 1632 | REV. | A

NOTES:

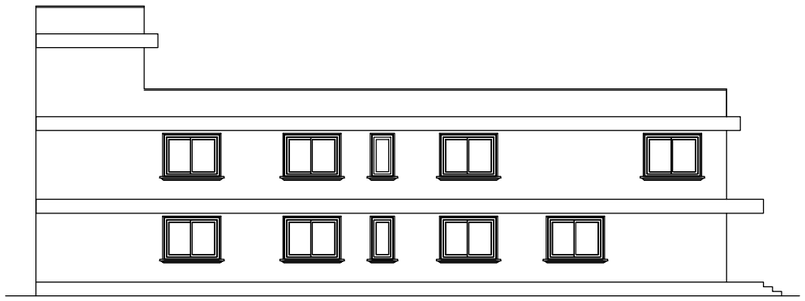
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



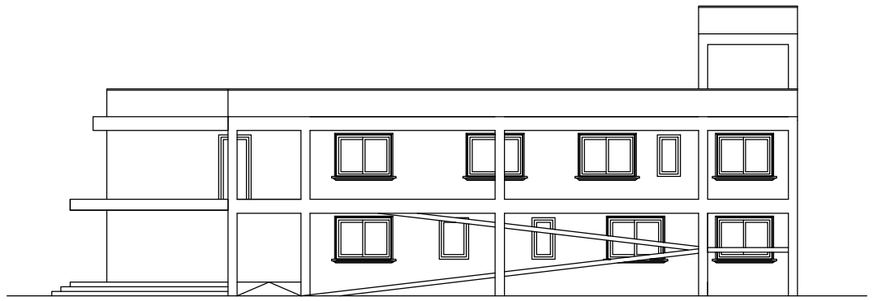
FRONT ELEVATION



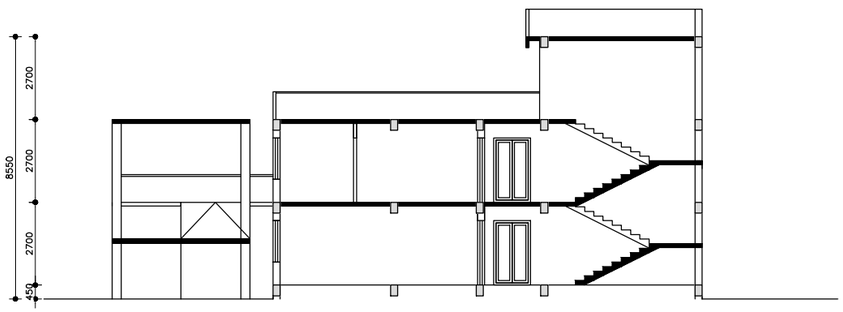
BACK ELEVATION



SIDE ELEVATION



SIDE ELEVATION



SECTION AT X–X

SCALE 1:200

−2000(mm) 0 2 4 6 8 10 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1632	PERMANENT CAMP AND ROADS, TYPE M, GROUND FLOOR PLAN, SHEET 1 OF 4
31–00053–DD–5310–Q–1632	PERMANENT CAMP AND ROADS, TYPE M, FIRST FLOOR PLAN, SHEET 2 OF 4

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	04.09.18
Drawn	A. K. Basu	04.09.18
Checked	Roloff	04.09.18
Approved	Dr. Moeller	04.09.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:200

DETAILED DESIGN

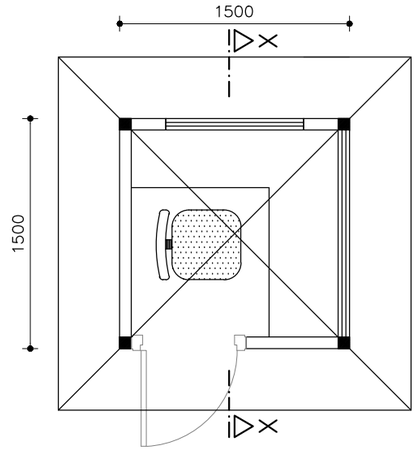
PERMANENT CAMP AND ROADS

SERVICE BUILDING
TYPE M
ELEVATION AND SECTION
SHEET 4 OF 4
PROJECT DRAWING

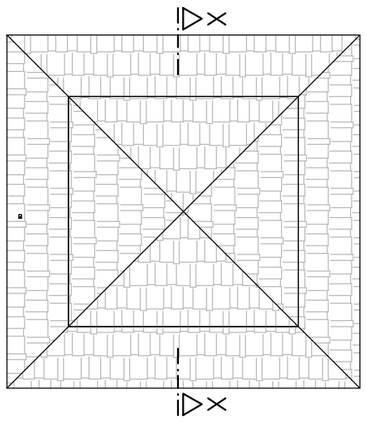
Drwg. No.: 31–00053–DD–5310– Q 1632 | REV. | A

NOTES:

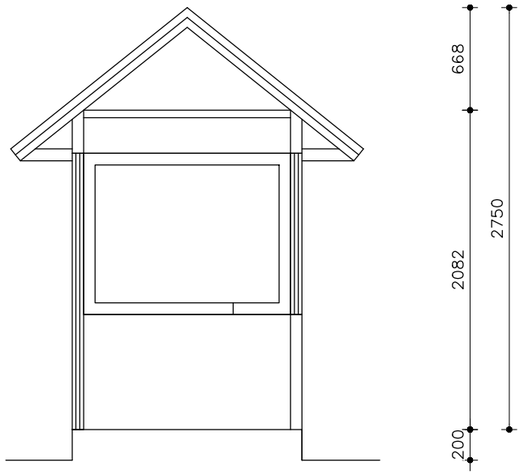
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



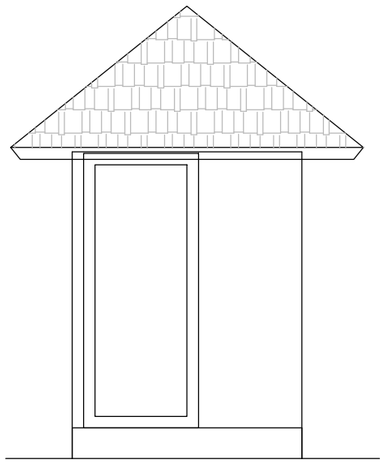
GROUND PLAN



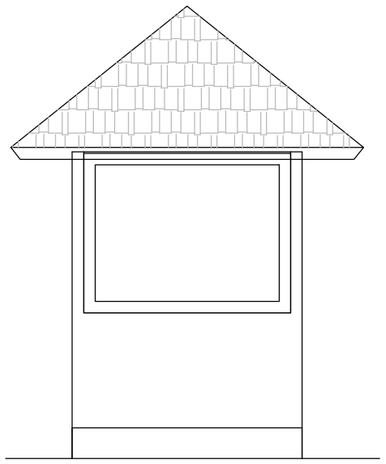
ROOF PLAN



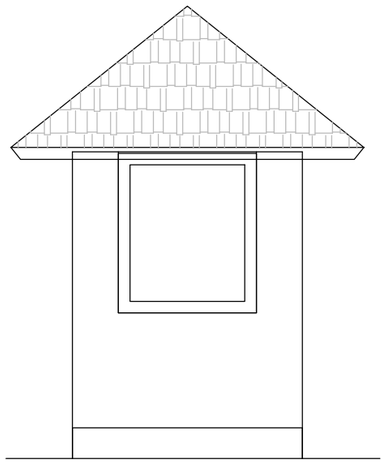
SECTION X–X



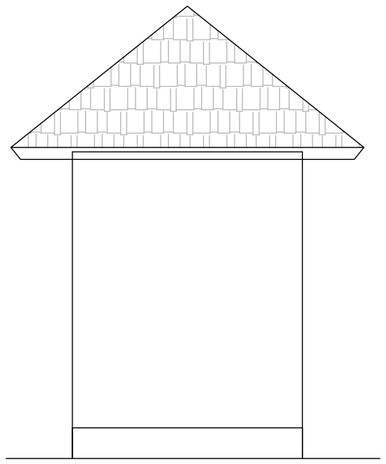
SIDE ELEVATION



FRONT ELEVATION



SIDE ELEVATION



BACK ELEVATION

SCALE 1:40

−400(mm) 0 0.4 0.8 1.2 1.6 2 [m]

Reference Drawings

Drwg. No.	Title

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	05.09.18
Drawn	A. K. Basu	05.09.18
Checked	Roloff	05.09.18
Approved	Dr. Moeller	05.09.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

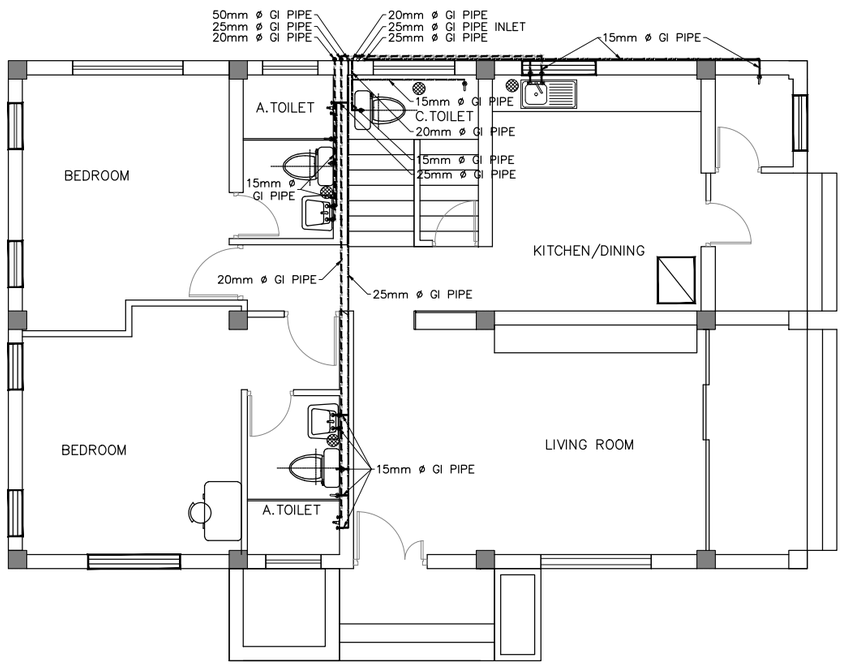
DETAILED DESIGN

PERMANENT CAMP AND ROADS

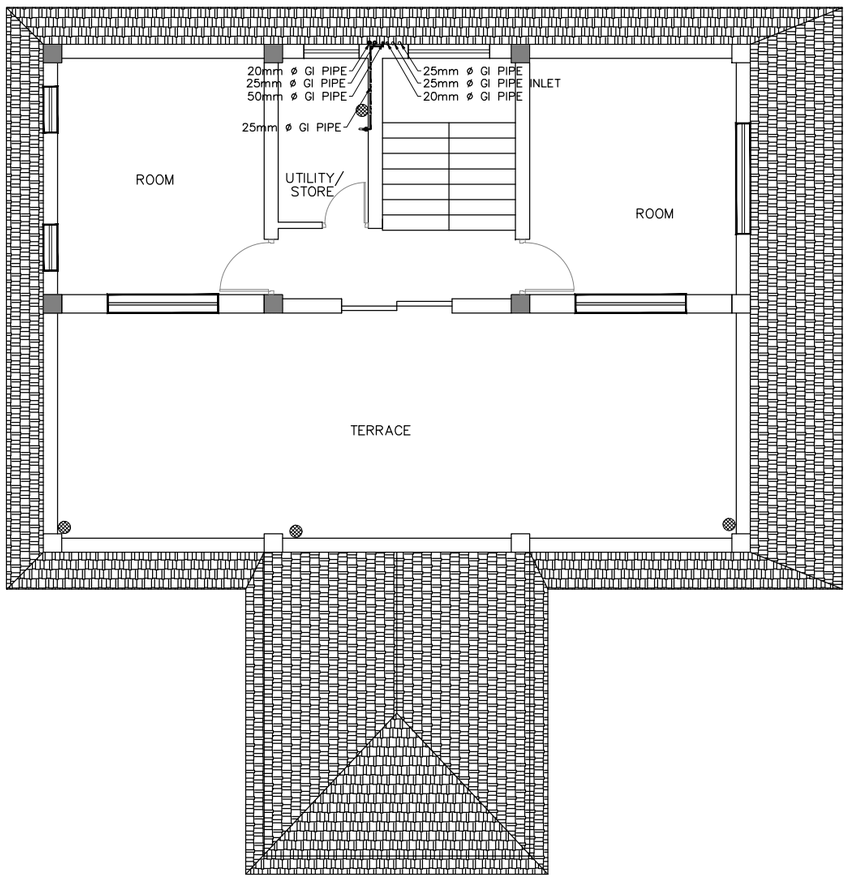
SERVICE BUILDING
TYPE N
PLAN, ELEVATION AND SECTION

PROJECT DRAWING

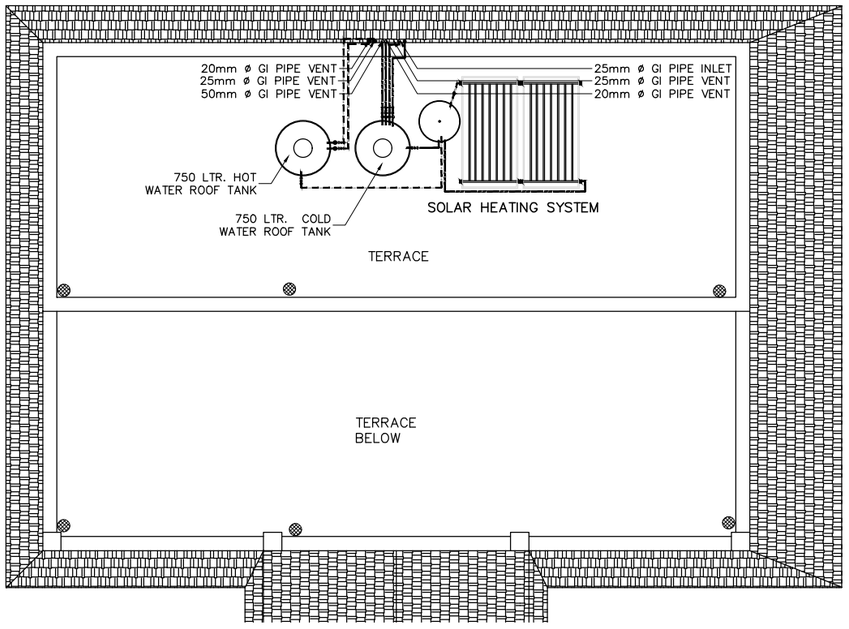
Drwg. No.: 31–00053–DD–5310– Q 1633 REV. A



TYPE A
GROUND FLOOR PLAN



TYPE A
FIRST FLOOR PLAN



TYPE A
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1620	PERMANENT CAMP AND ROADS, TYPE A

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

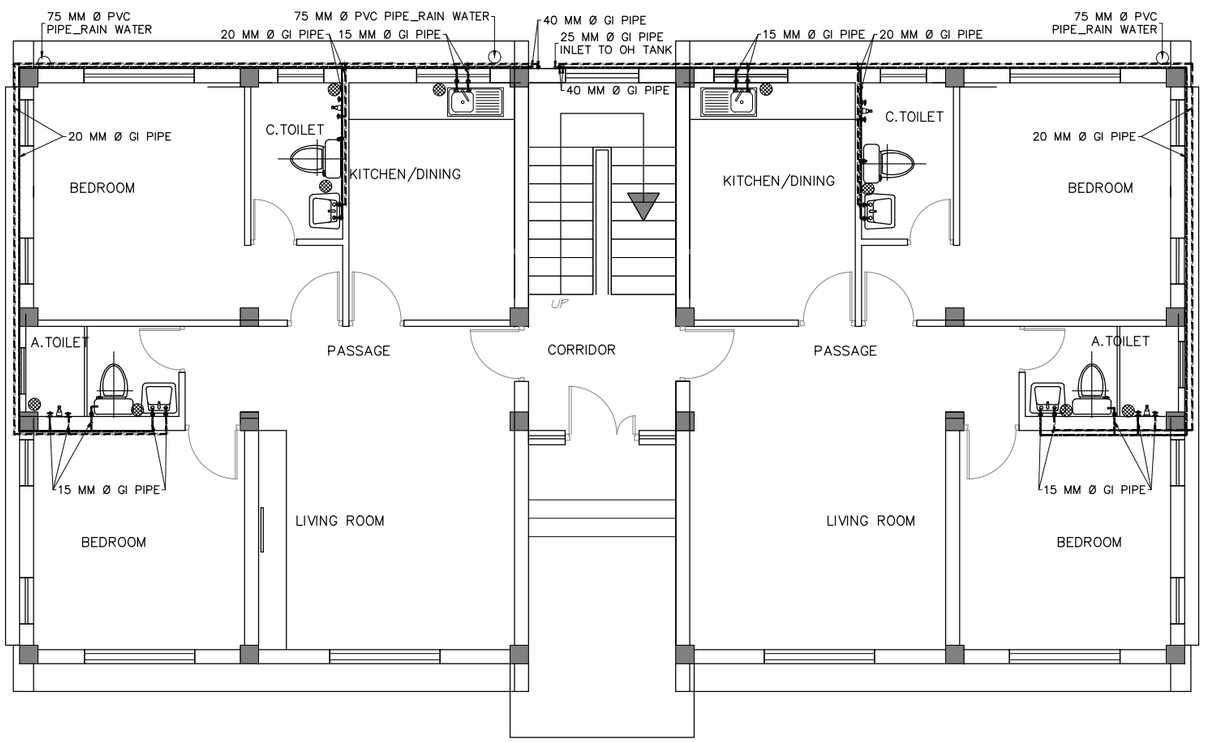
DETAILED DESIGN

PERMANENT CAMP AND ROADS

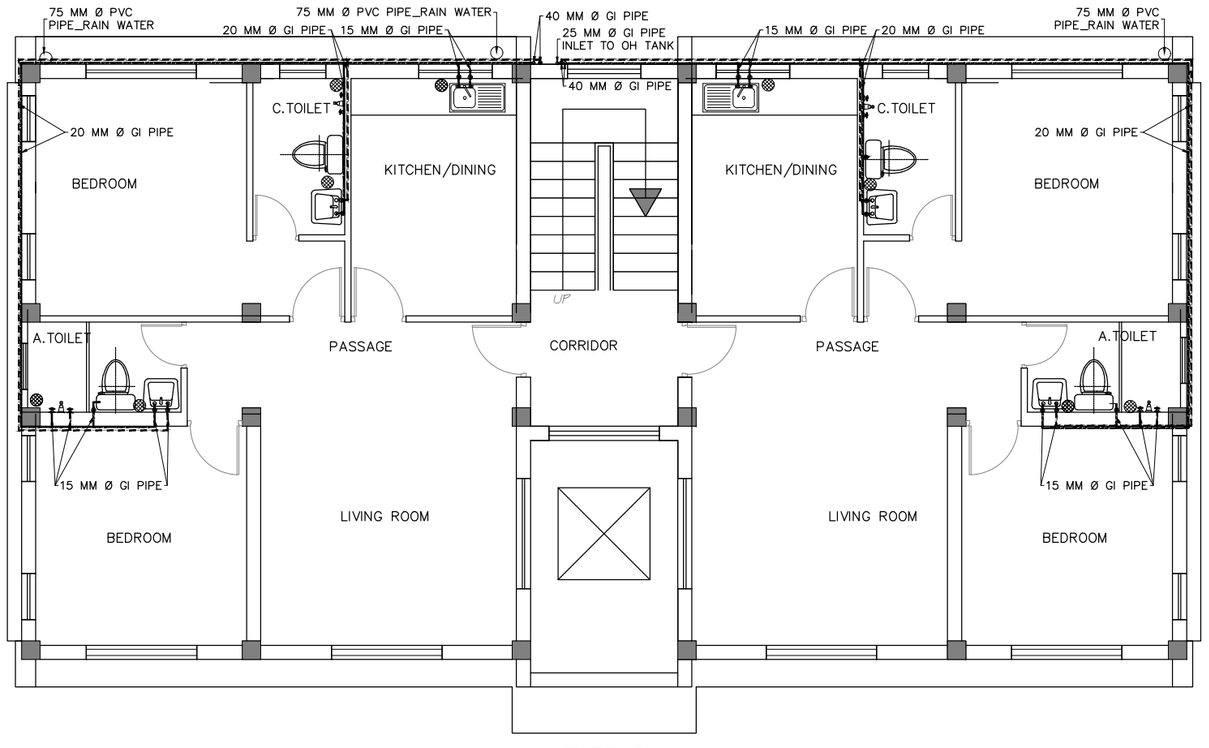
ACCOMMODATION BUILDING
TYPE A
WATER SUPPLY DRAWINGS

PROJECT DRAWING

Drwg. No.: 31-00053-DD-5310-Q 1640 REV. –



TYPE B
GROUND FLOOR PLAN



TYPE B
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1621	PERMANENT CAMP AND ROADS, TYPE B

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE B

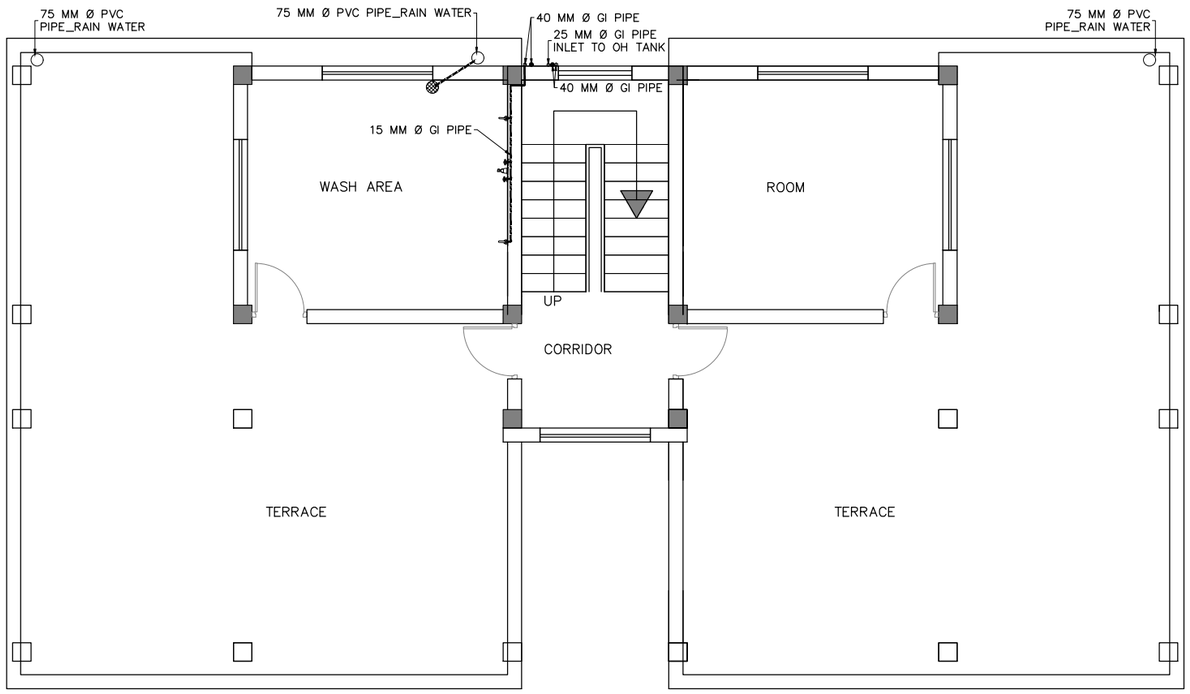
WATER SUPPLY DRAWINGS

SHEET 1 OF 2

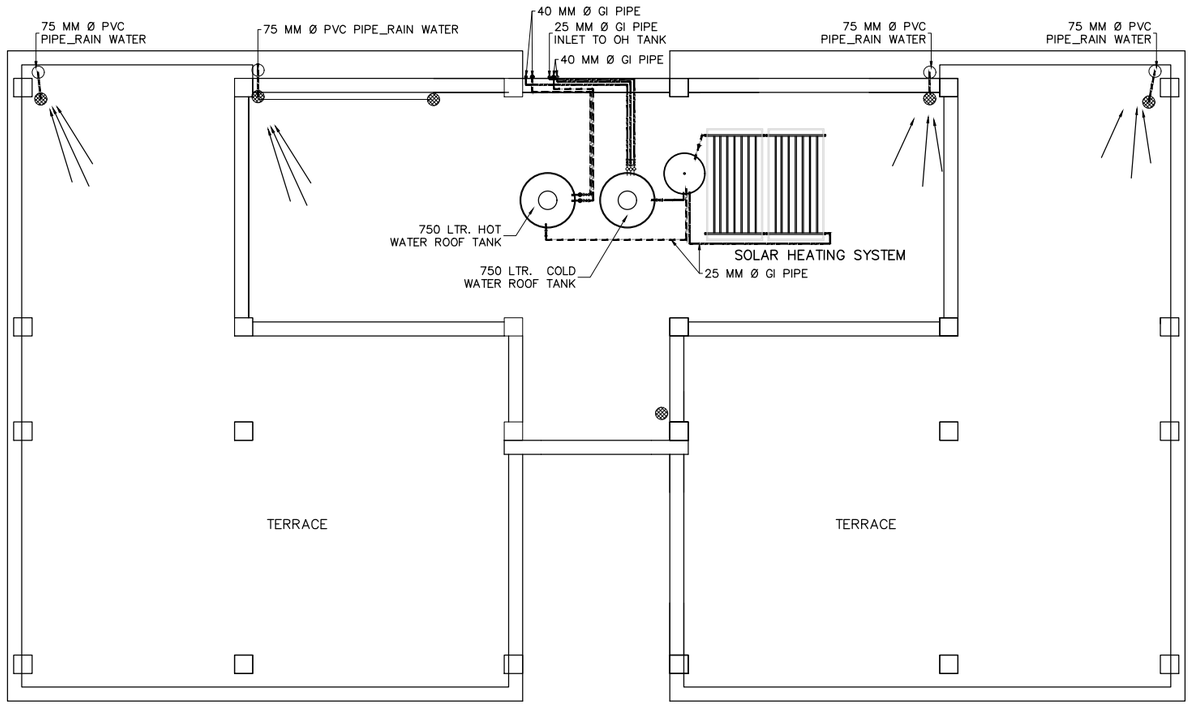
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31–00053–DD–5310– Q 1641 REV. –



TYPE B
SECOND FLOOR PLAN



TYPE B
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1621	PERMANENT CAMP AND ROADS, TYPE B

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

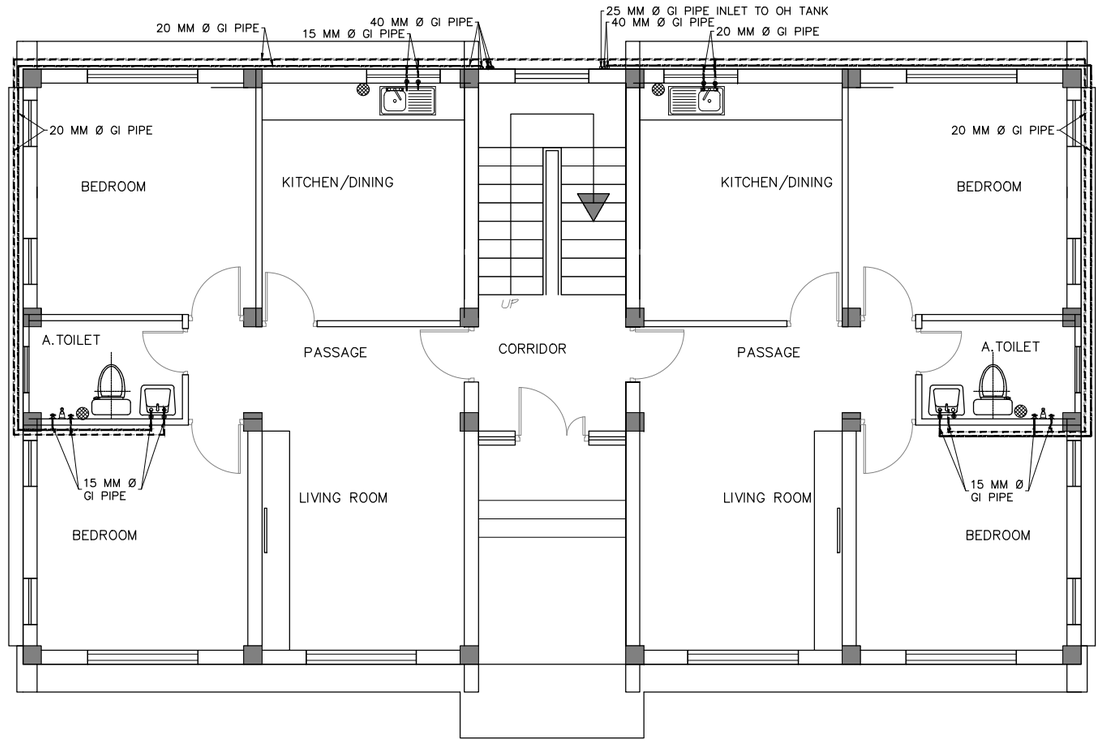
Replaces Drwg. No:

CAD– File No.:

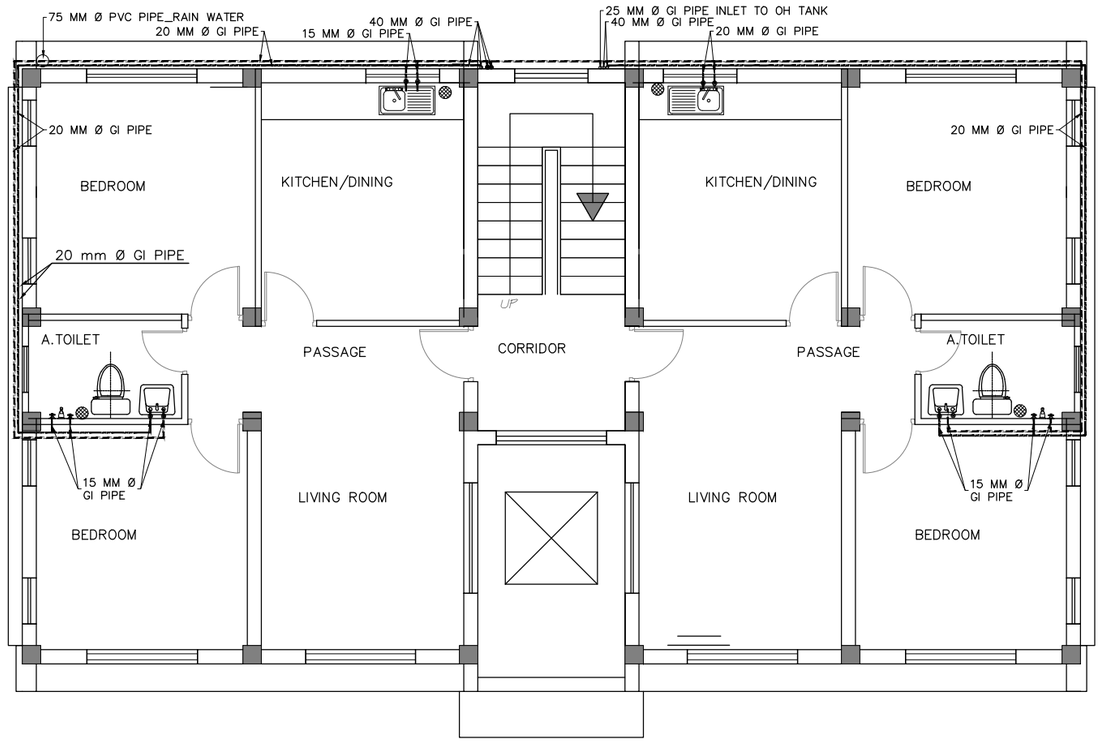
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE B
WATER SUPPLY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31-00053-DD-5310-Q 1641 REV. –



TYPE C
GROUND FLOOR PLAN



TYPE C
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1622	PERMANENT CAMP AND ROADS, TYPE C

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE C

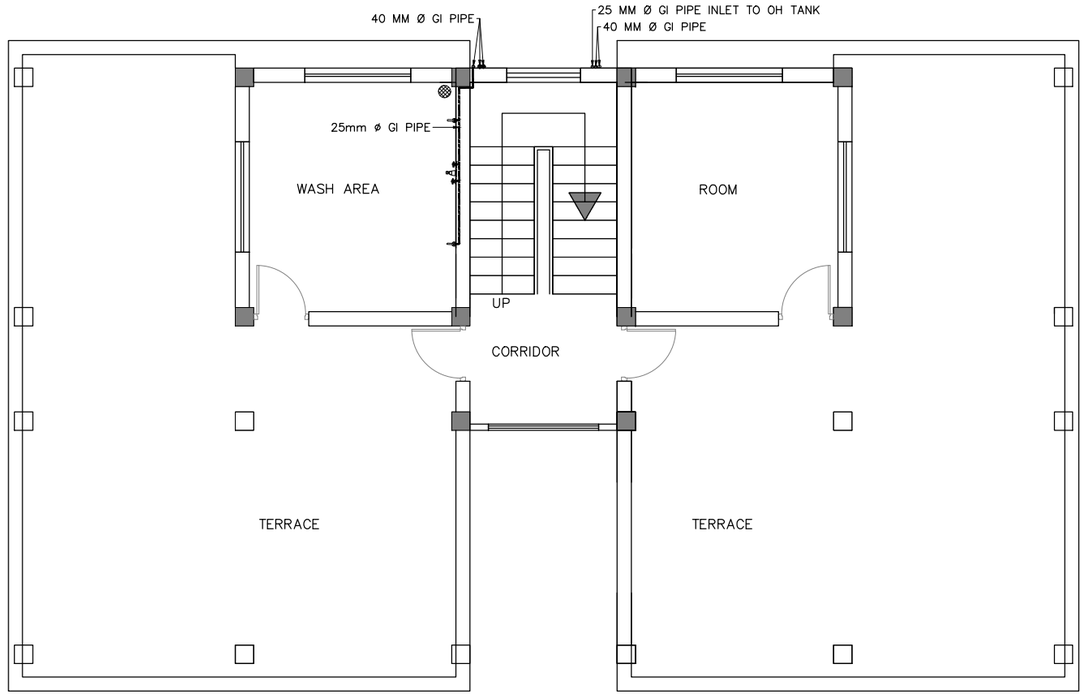
WATER SUPPLY DRAWINGS

SHEET 1 OF 2

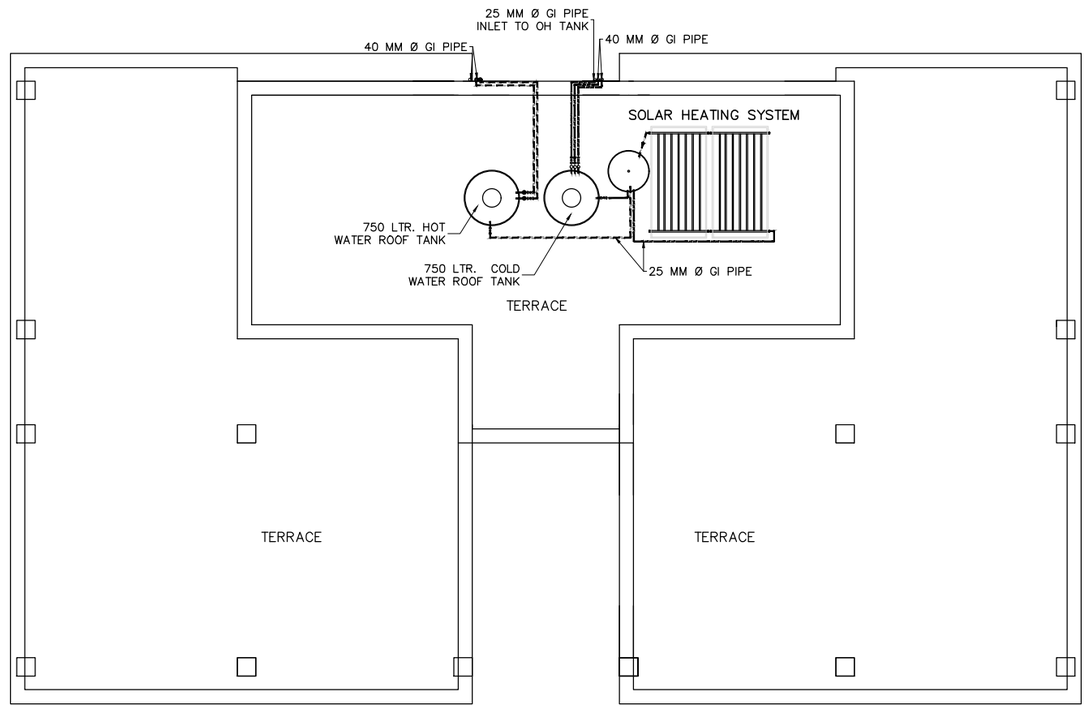
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310-Q 1642 REV. A



TYPE C
THIRD FLOOR PLAN



TYPE C
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1622	PERMANENT CAMP AND ROADS, TYPE C

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

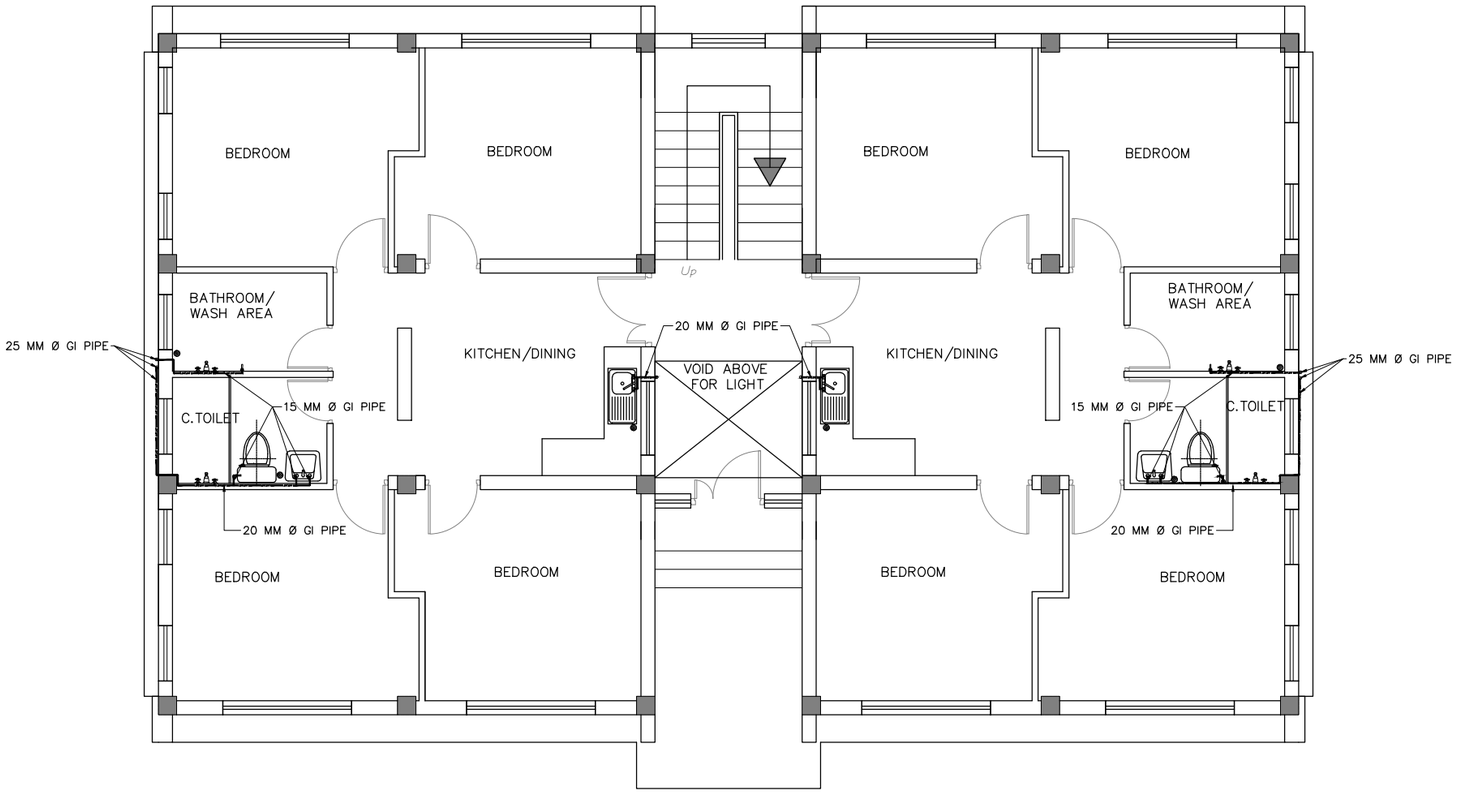
Replaces Drwg. No:

CAD– File No.:

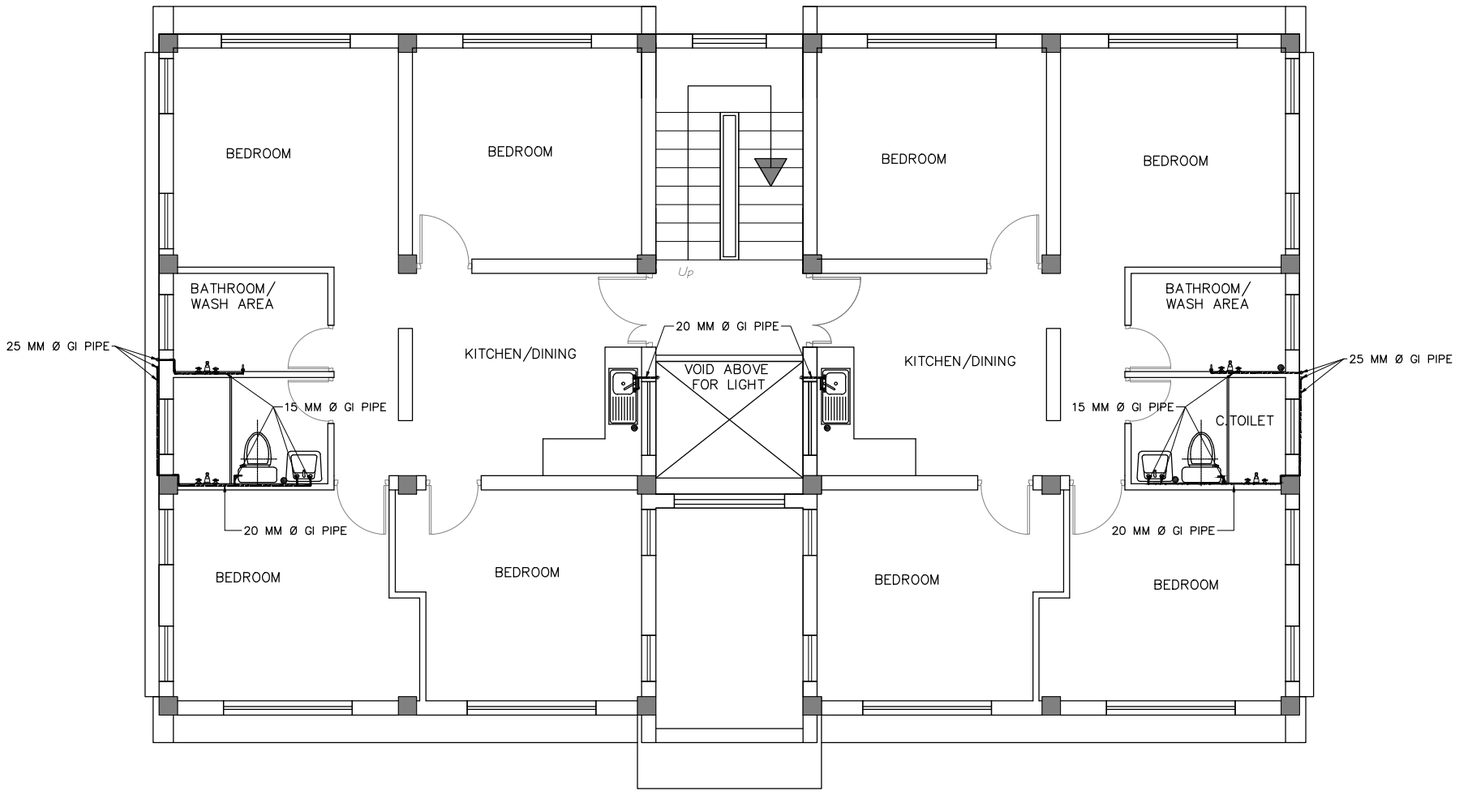
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE C
WATER SUPPLY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1642 | REV. | A



TYPE D
GROUND FLOOR PLAN



TYPE D
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1623	PERMANENT CAMP AND ROADS, TYPE D

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

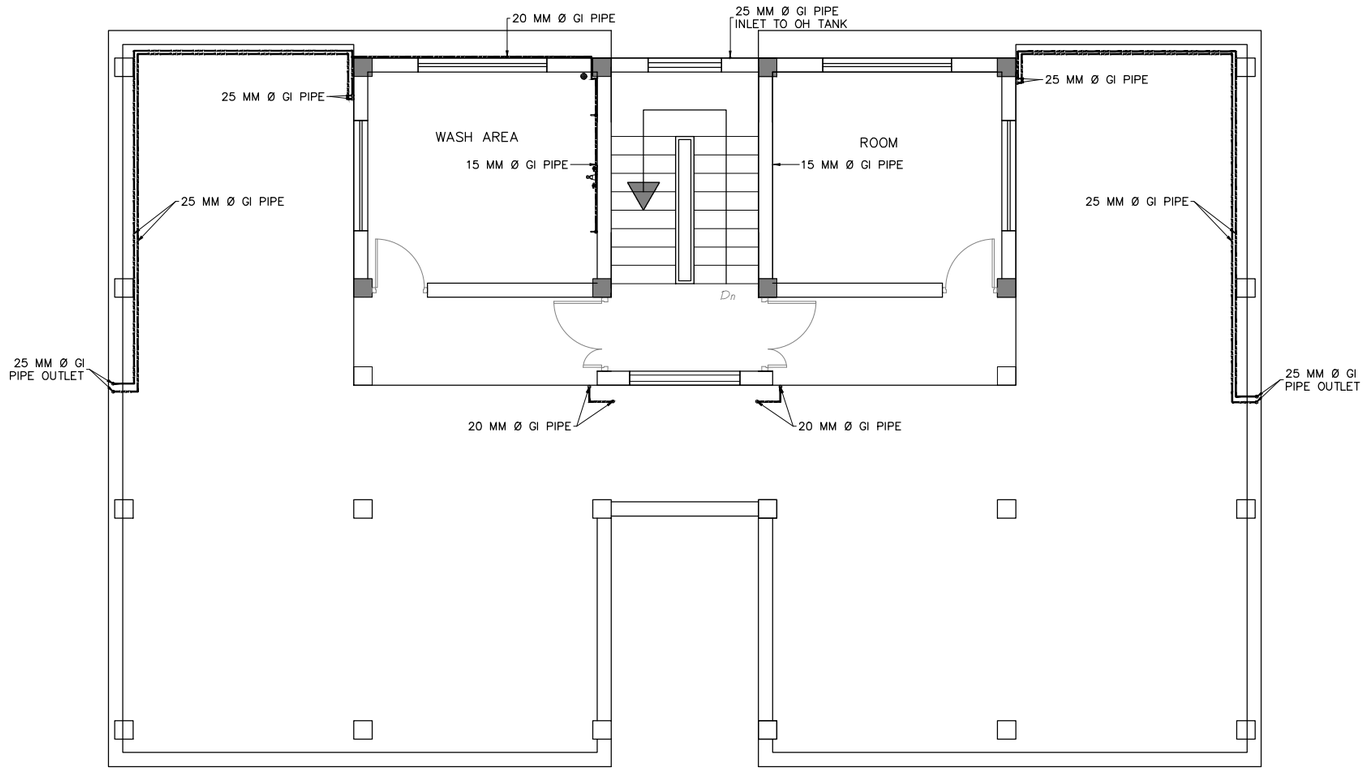
Scale A3: 1:100

DETAILED DESIGN

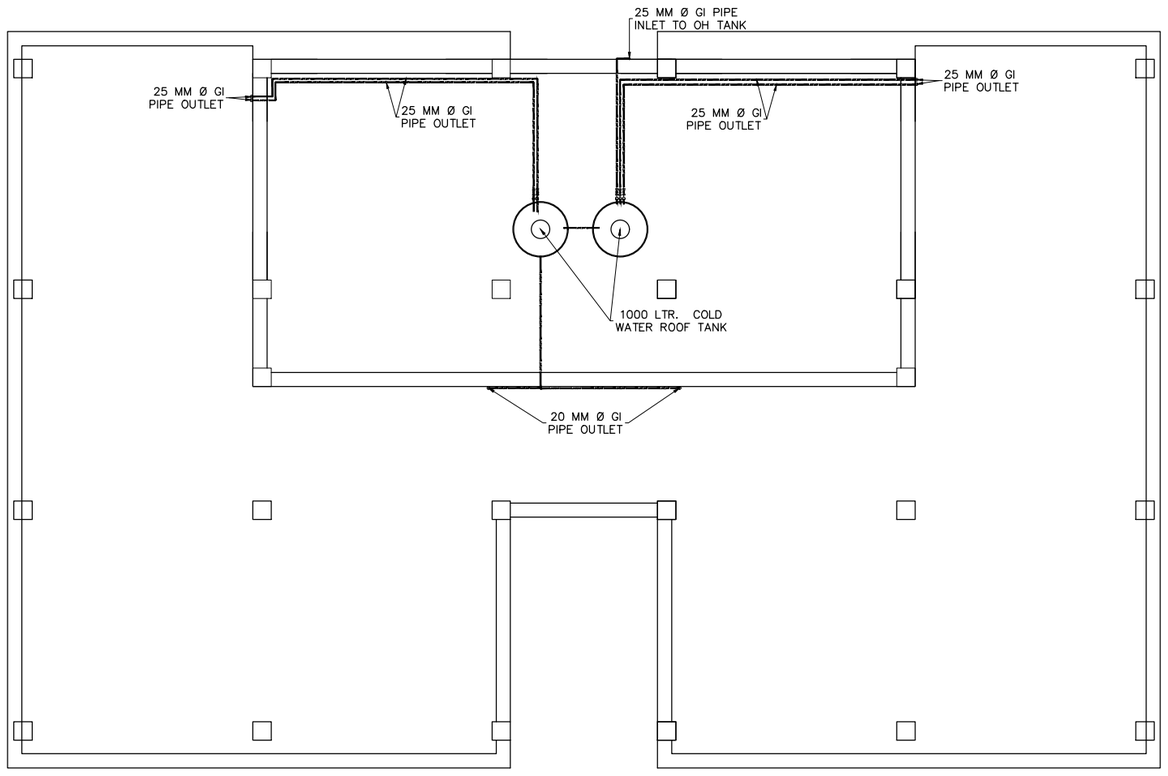
PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING
TYPE D
WATER SUPPLY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1643 REV. A



TYPE D
SECOND FLOOR PLAN



TYPE D
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1623	PERMANENT CAMP AND ROADS, TYPE D

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

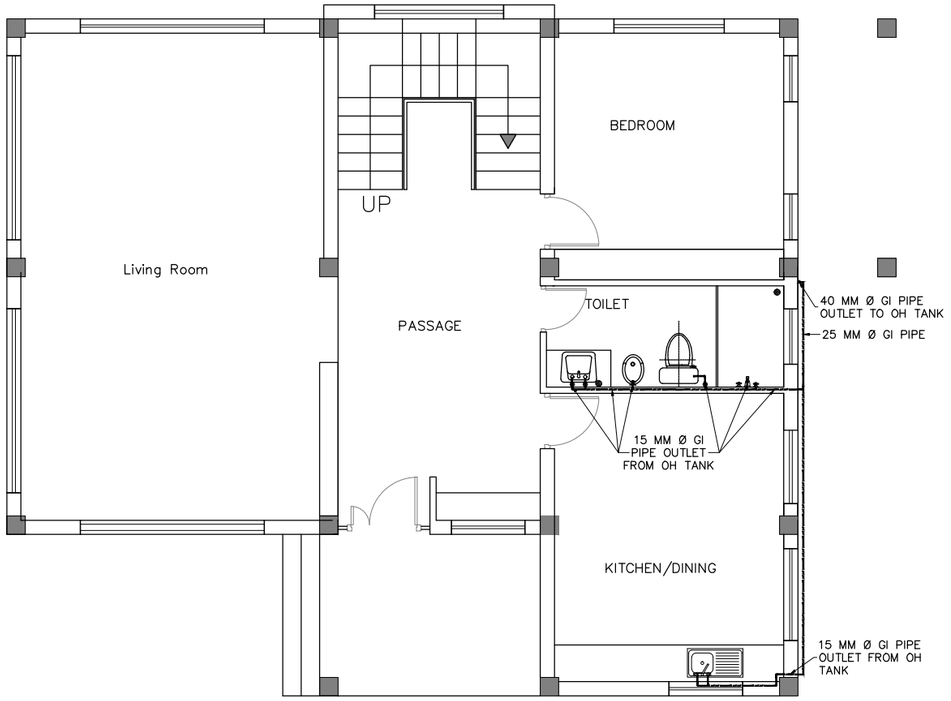
Replaces Drwg. No:

CAD– File No.:

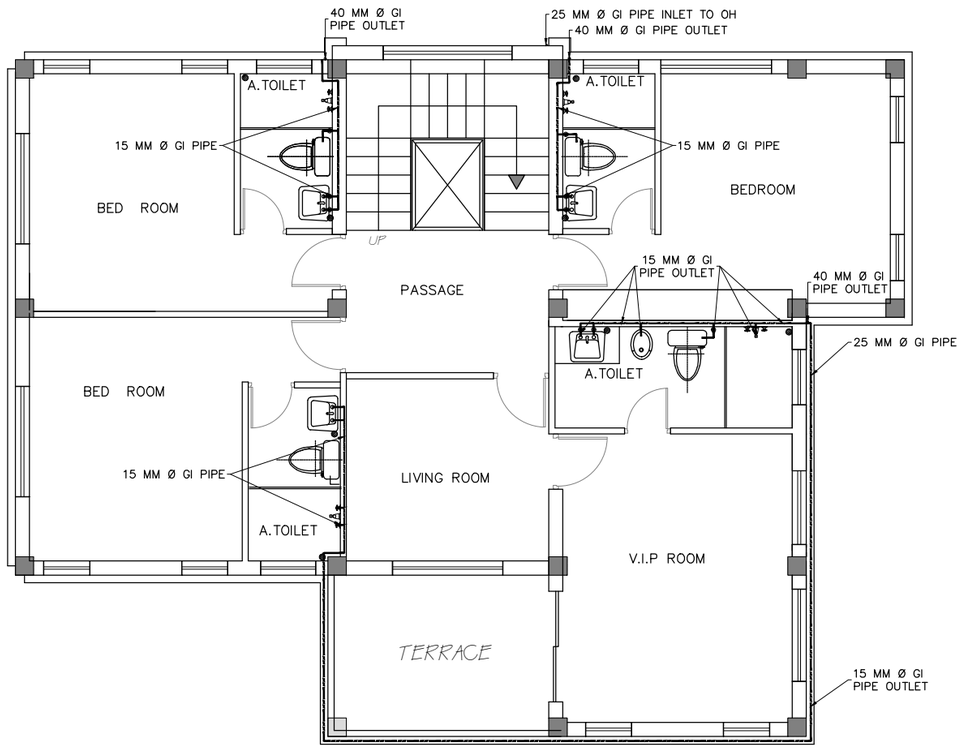
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE D
WATER SUPPLY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1643 | REV. | A



TYPE E
GROUND FLOOR PLAN



TYPE E
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1624	PERMANENT CAMP AND ROADS, TYPE E

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

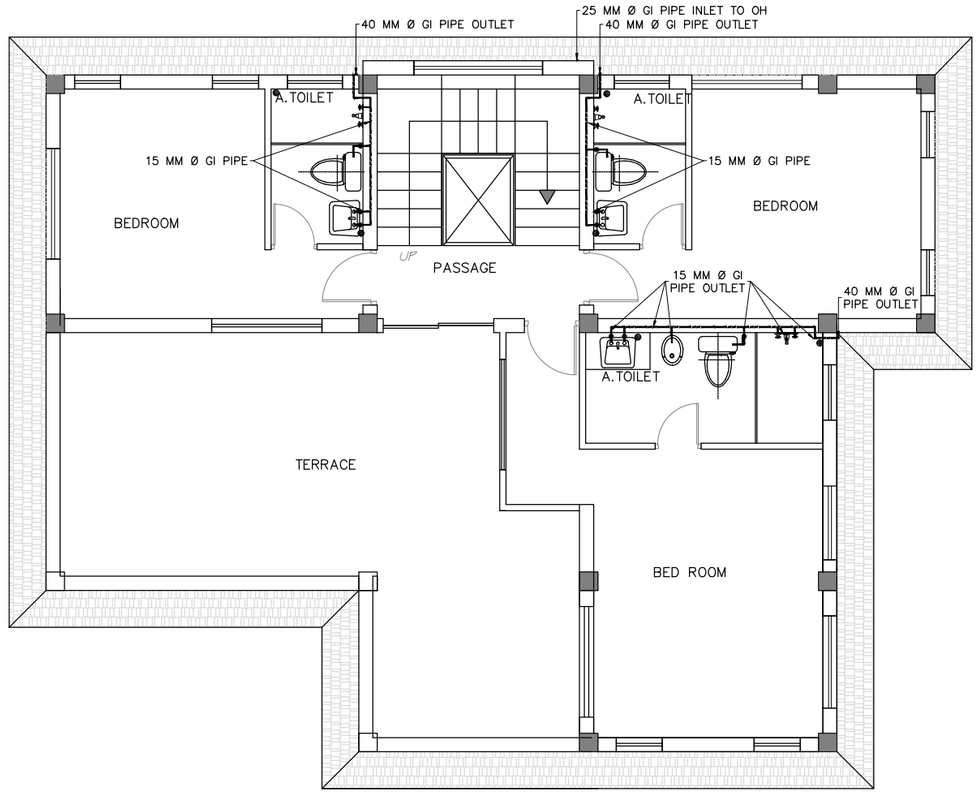
Replaces Drwg. No:

CAD– File No.:

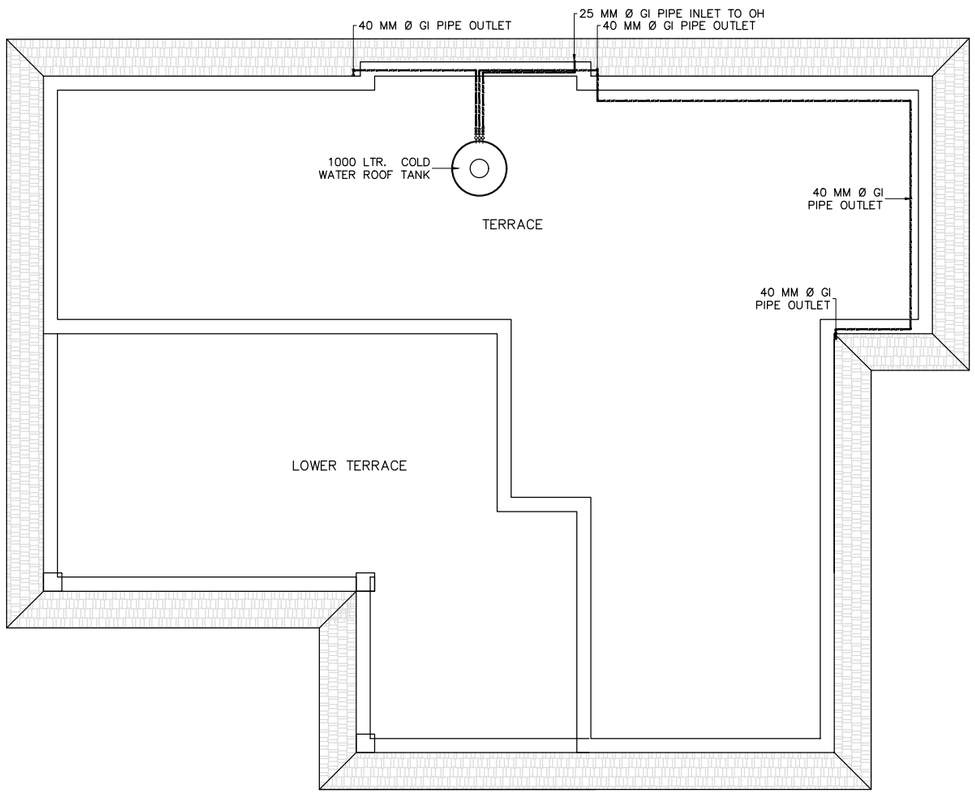
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE E
WATER SUPPLY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Drwg. No.: 31-00053-DD-5310-Q1644 REV. –



TYPE E
SECOND FLOOR PLAN



TYPE E
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1624	PERMANENT CAMP AND ROADS, TYPE E

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

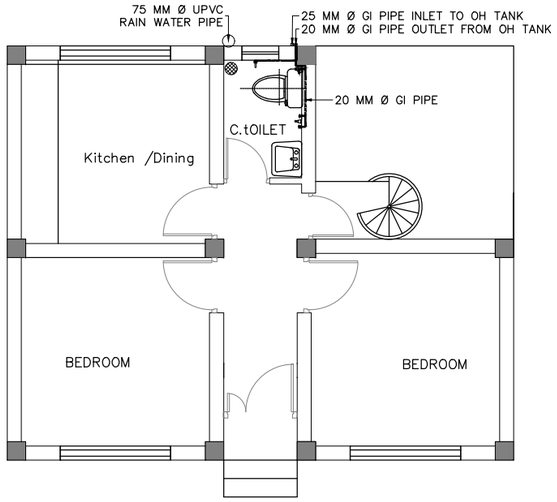
Replaces Drwg. No:

CAD– File No.:

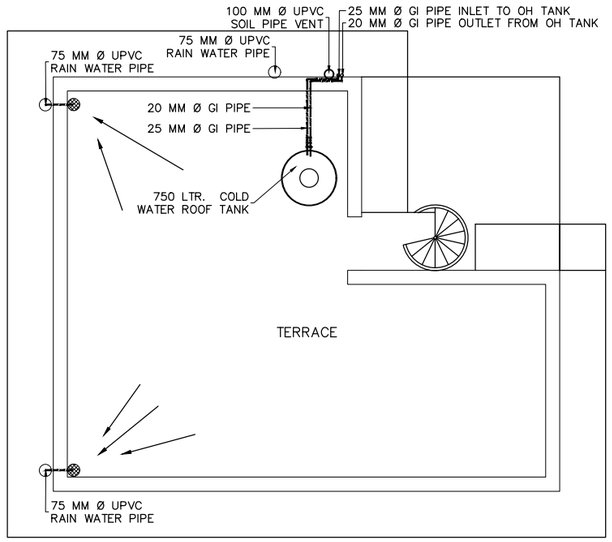
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE E
WATER SUPPLY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q1644 REV. –



TYPE F
GROUND FLOOR PLAN



TYPE F
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1625	PERMANENT CAMP AND ROADS, TYPE F

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

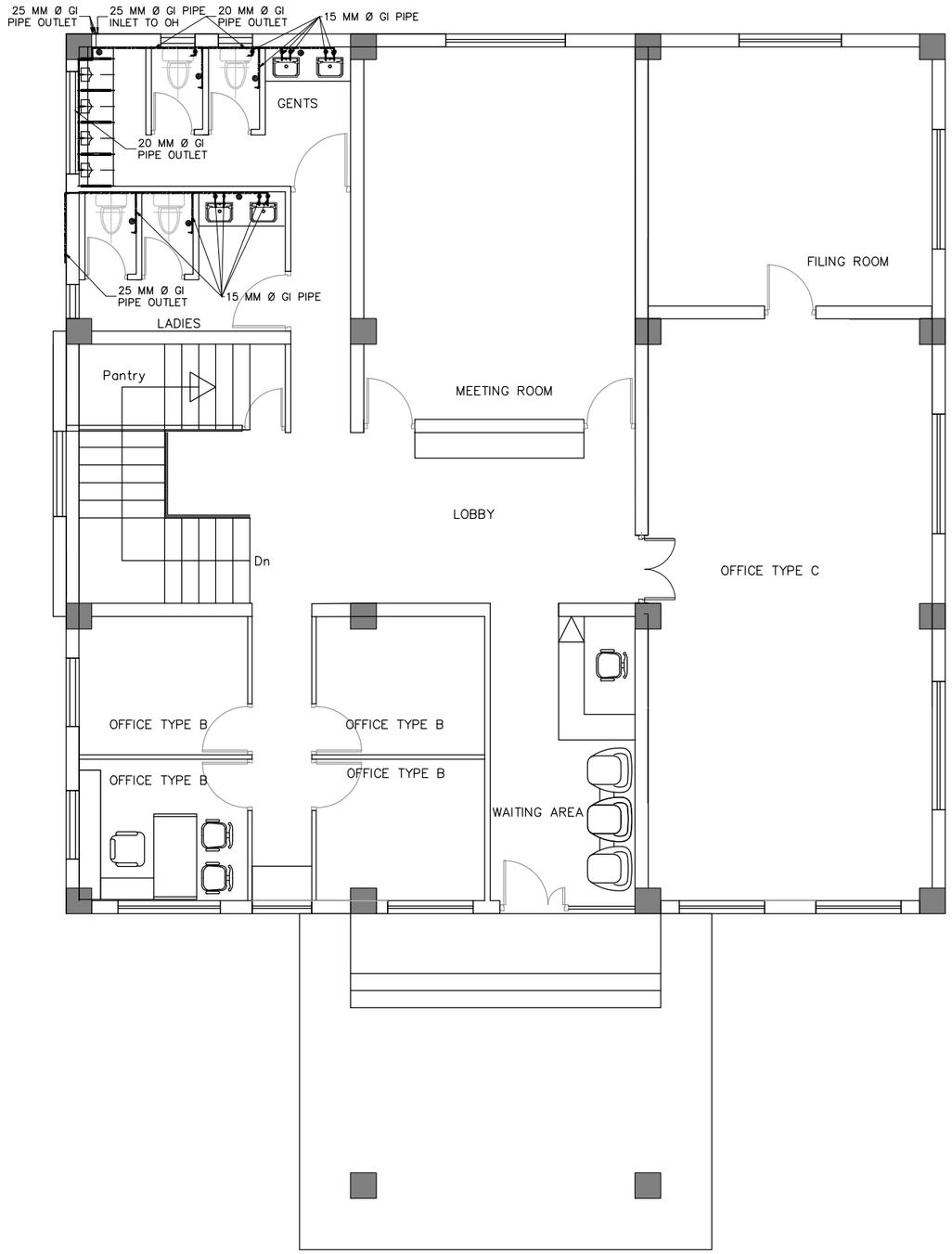
DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING
TYPE F
WATER SUPPLY DRAWINGS

PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1645 | REV. | –



TYPE G
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1626	PERMANENT CAMP AND ROADS, TYPE G

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

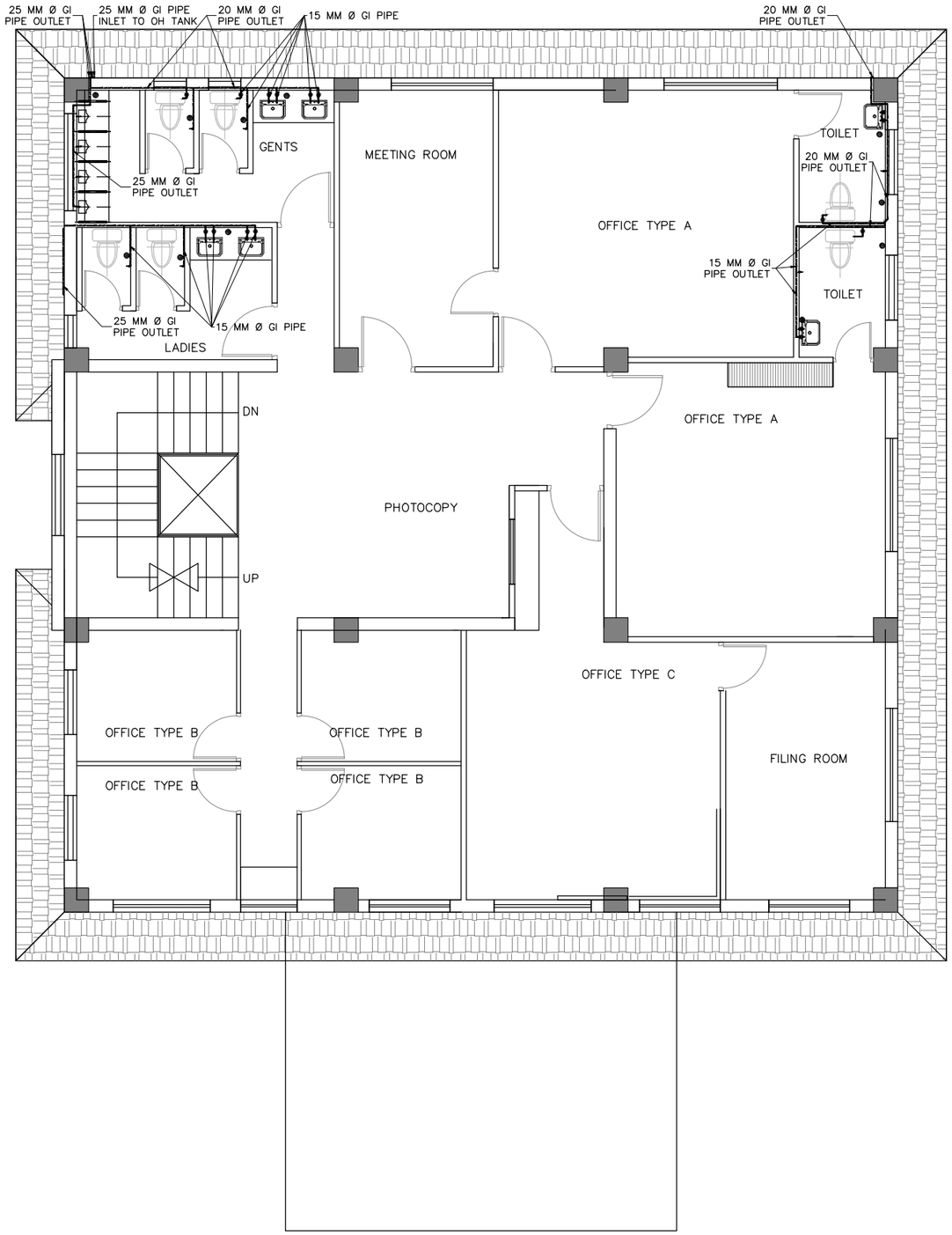
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
WATER SUPPLY DRAWINGS
SHEET 1 OF 4
PROJECT DRAWING

Drwg. No.: 31-00053-DD-5310-Q 1646 | REV. –



TYPE G
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

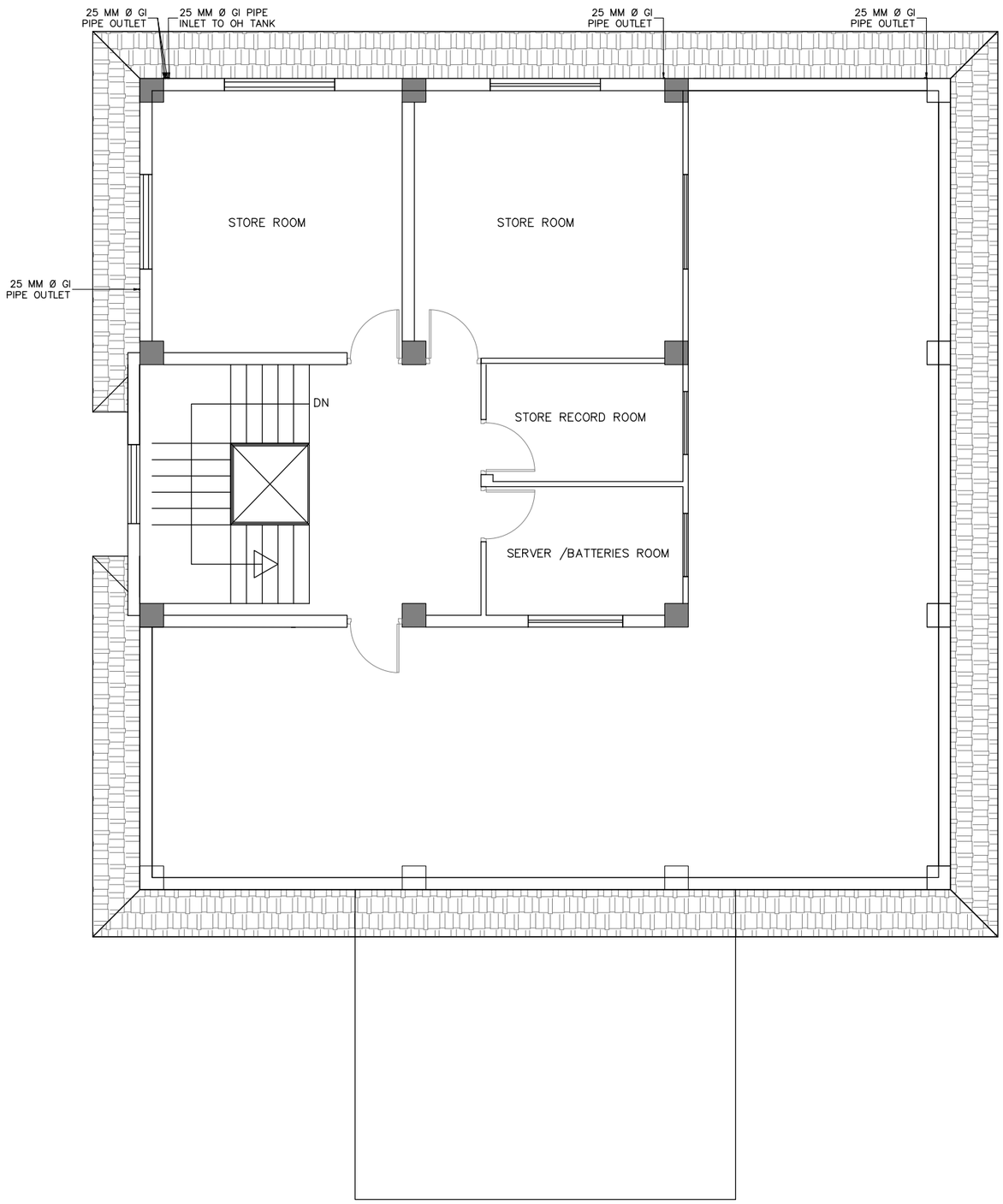
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
WATER SUPPLY DRAWINGS
SHEET 2 OF 4
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1646 REV. –



TYPE G
SECOND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

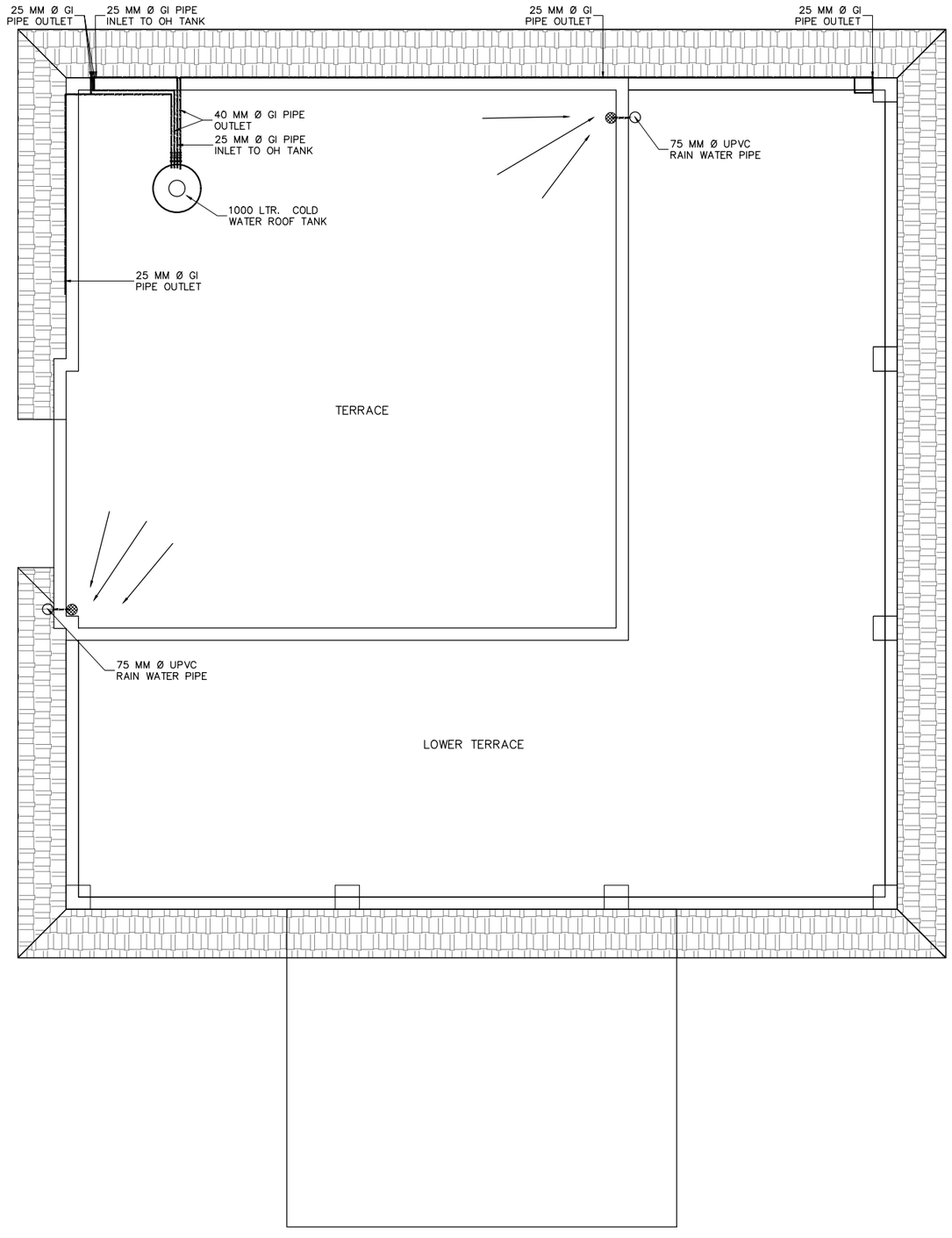
Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
WATER SUPPLY DRAWINGS
SHEET 3 OF 4
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31–00053–DD–5310–Q 1646 REV. –



TYPE G
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

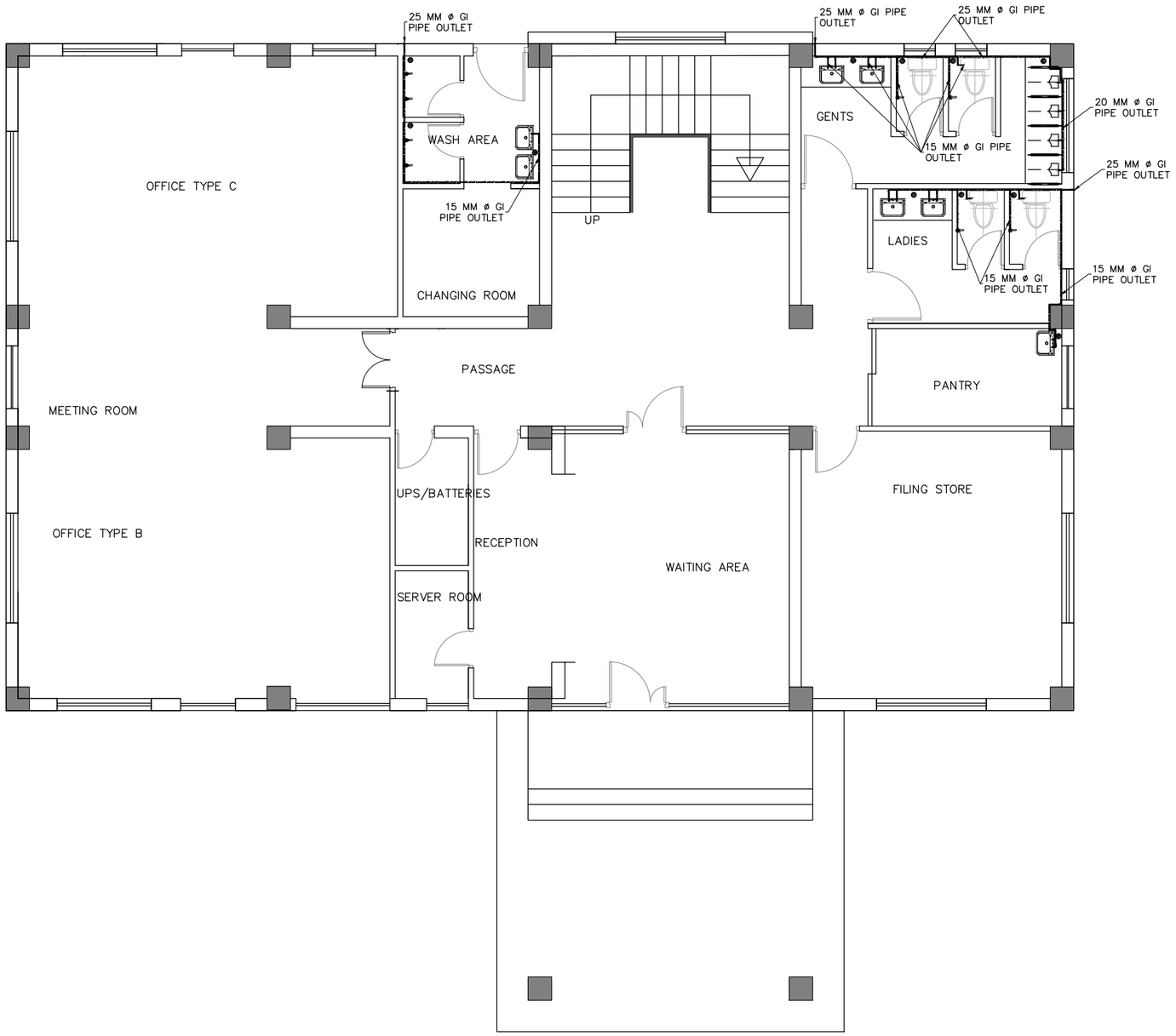
Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
WATER SUPPLY DRAWINGS
SHEET 4 OF 4
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31–00053–DD–5310– Q 1646 | REV. | –



TYPE H
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
WATER SUPPLY DRAWINGS
SHEET 1 OF 5
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1647 REV. –



TYPE H
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

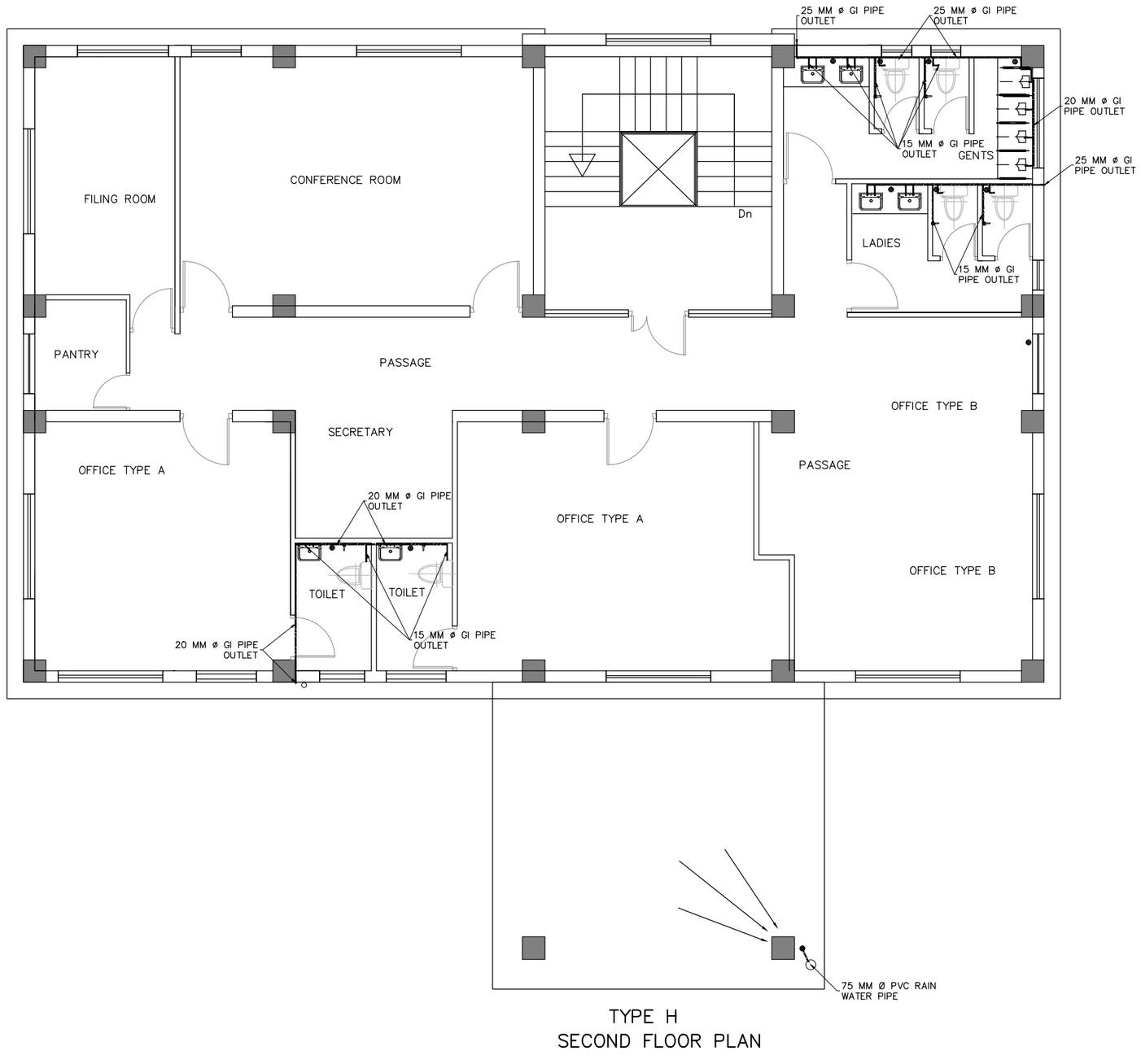
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING TYPE H
WATER SUPPLY DRAWINGS
SHEET 2 OF 5
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1647 | REV. | –



TYPE H
SECOND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

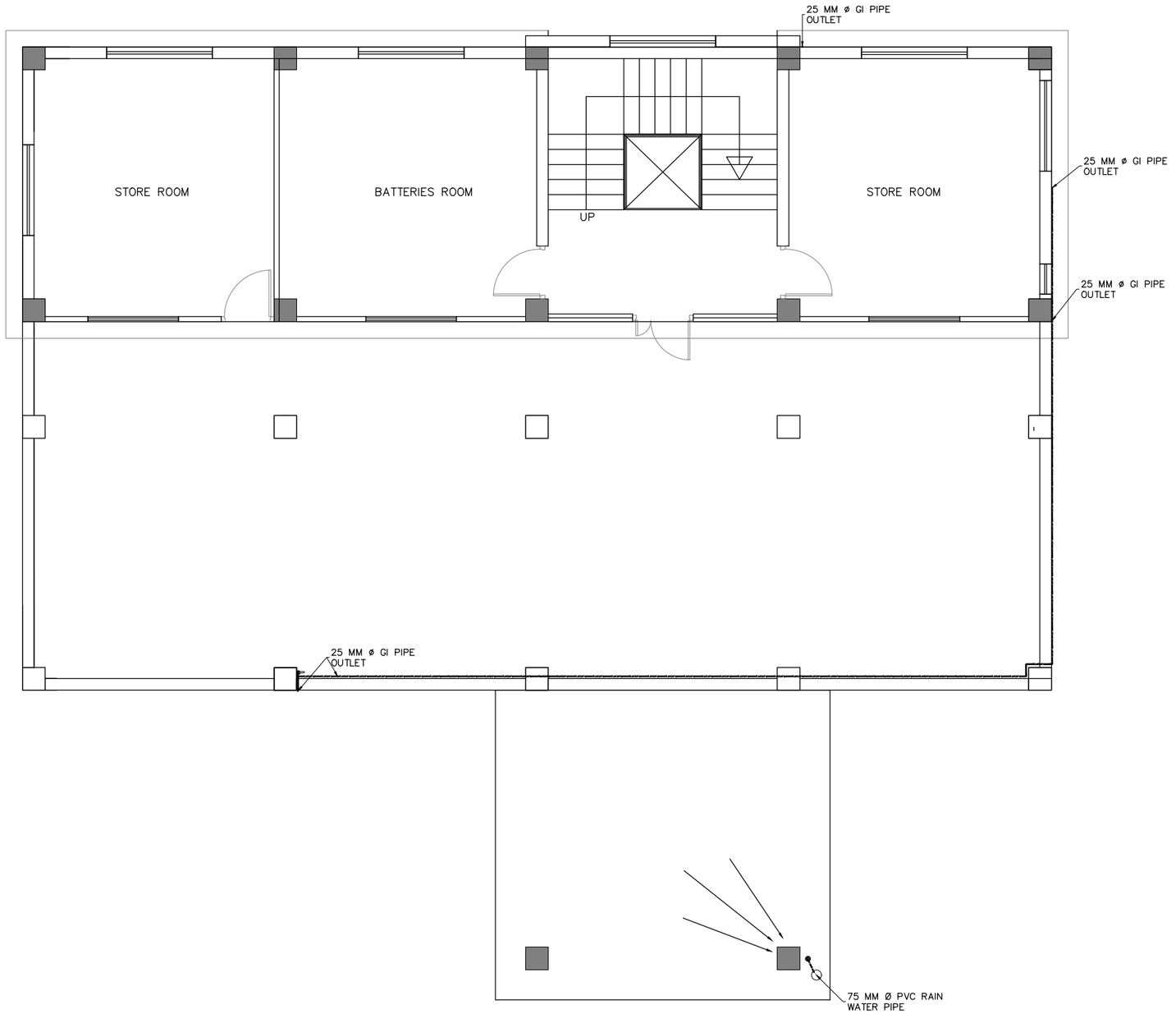
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
WATER SUPPLY DRAWINGS
SHEET 3 OF 5
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1647 REV. –



TYPE H
THIRD FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

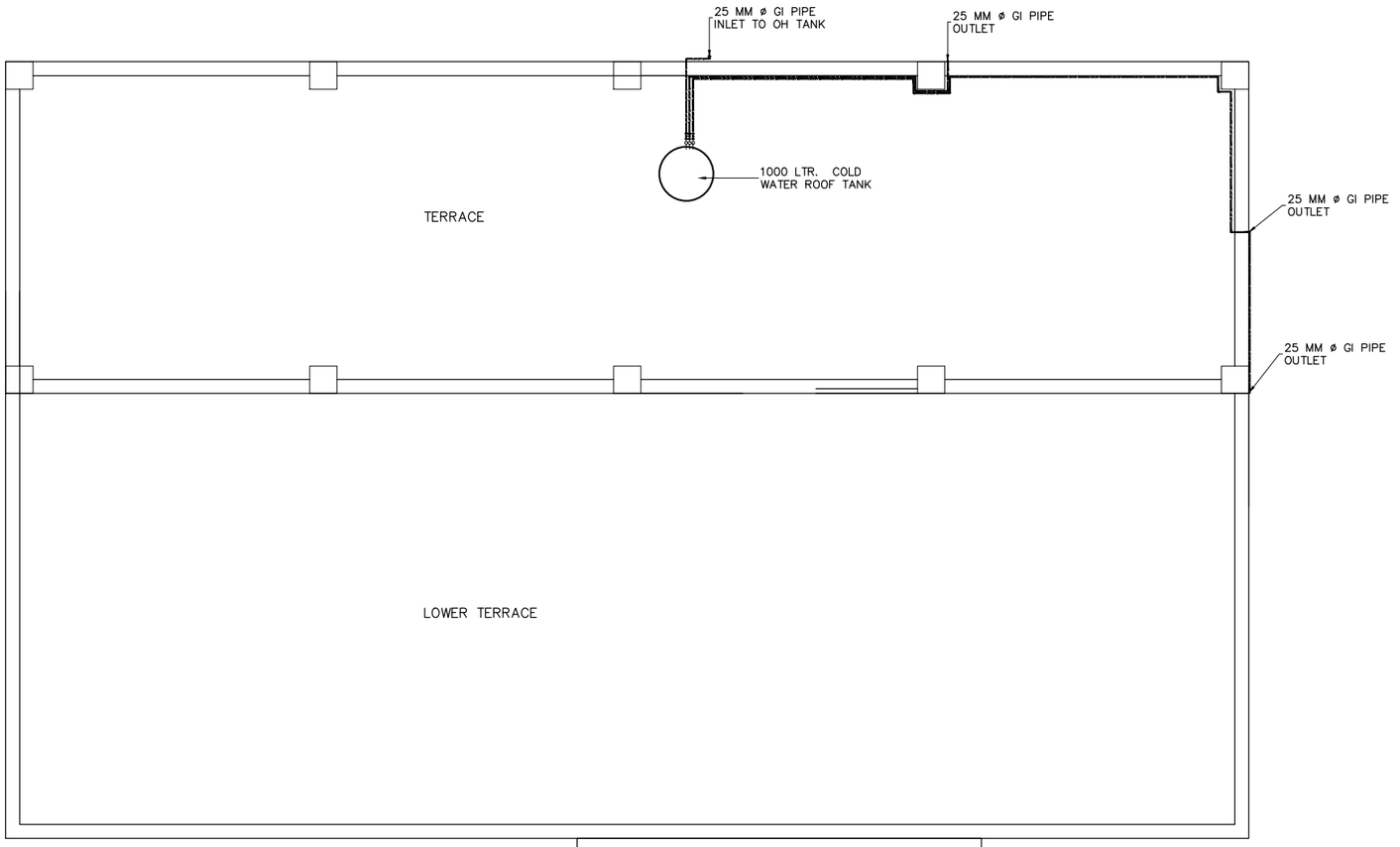
Replaces Drwg. No:

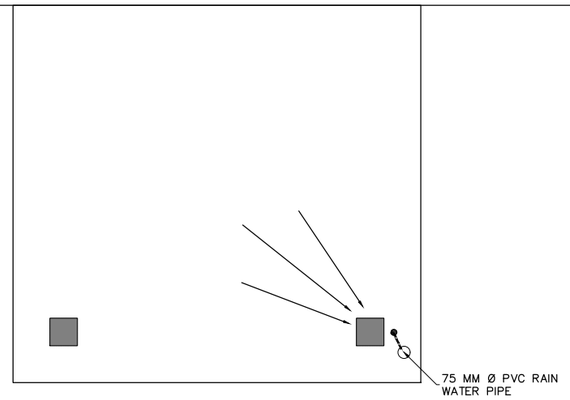
CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
WATER SUPPLY DRAWINGS
SHEET 4 OF 5
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1647 REV. –





TYPE H
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

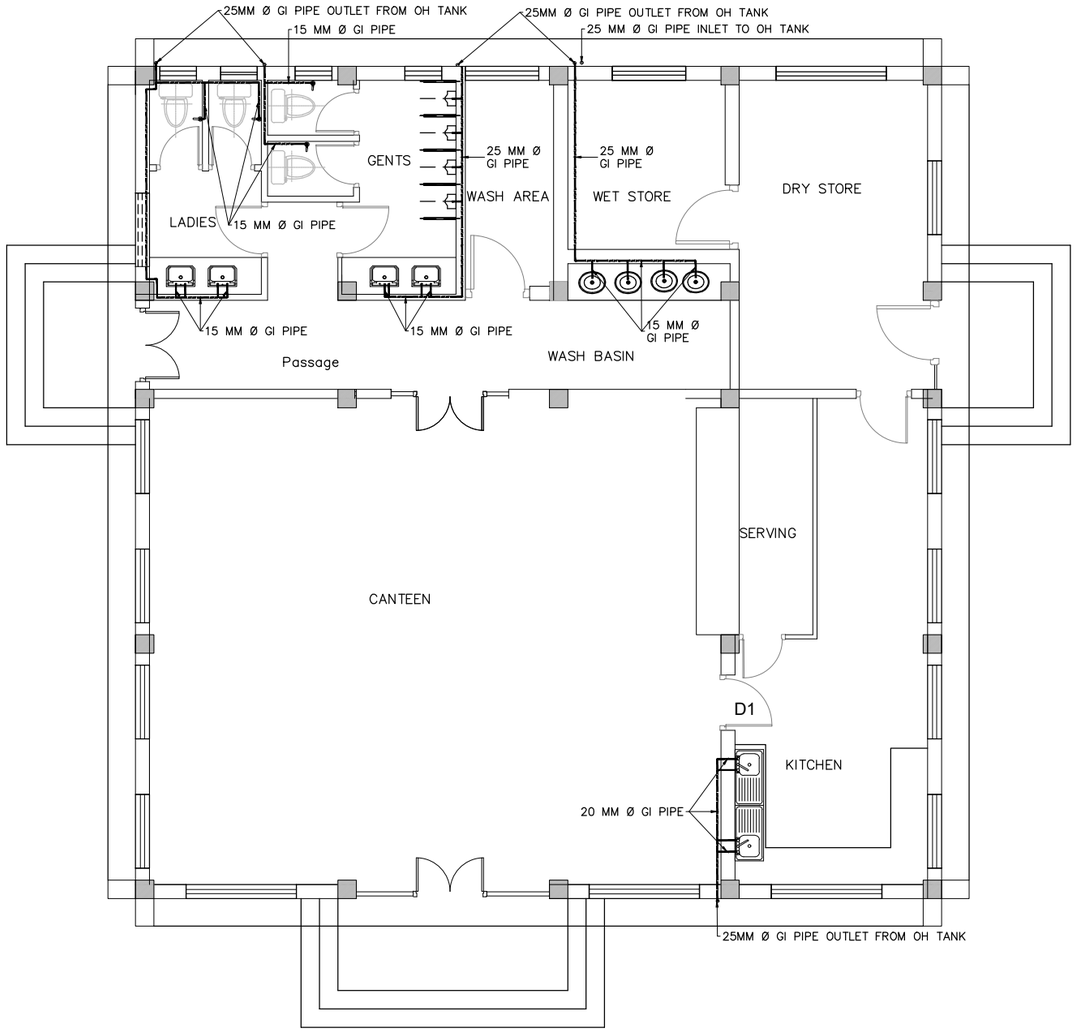
Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
WATER SUPPLY DRAWINGS
SHEET 5 OF 5
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31–00053–DD–5310–Q 1647 REV. –



TYPE I
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1628	PERMANENT CAMP AND ROADS, TYPE I

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

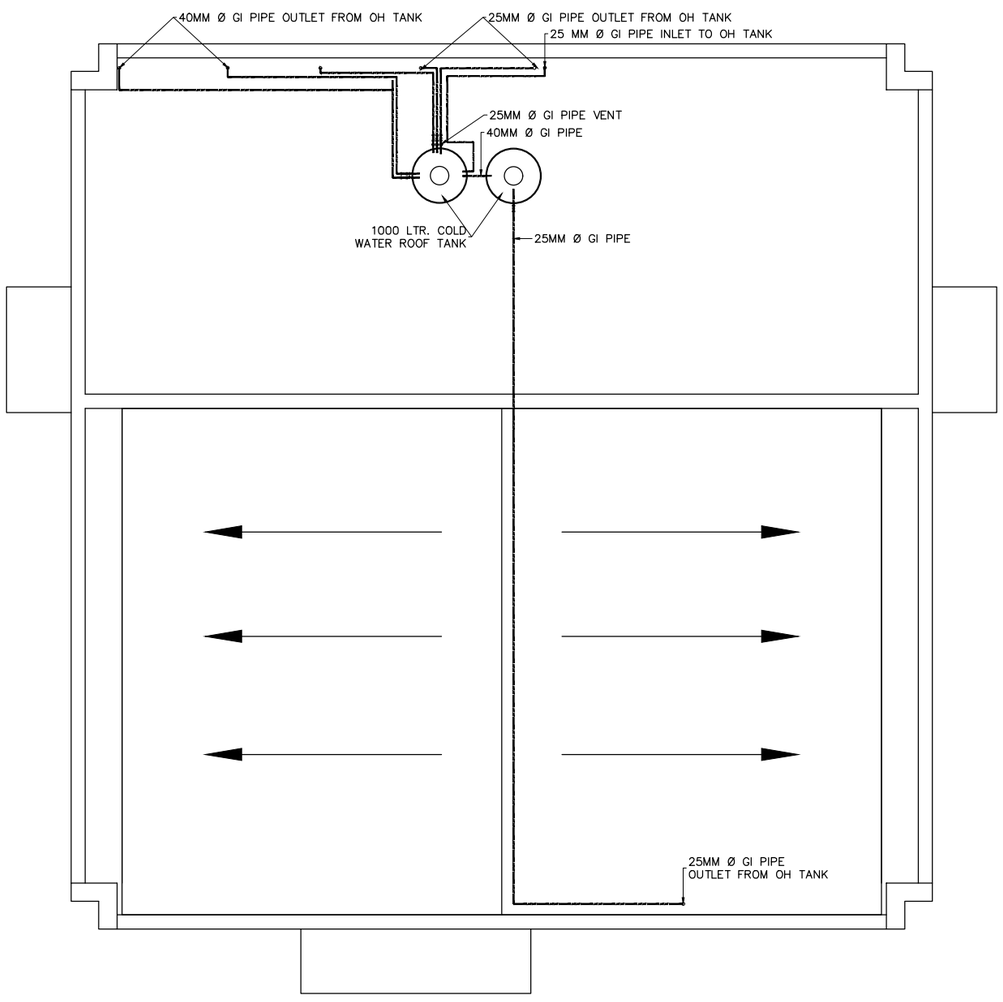
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE I
WATER SUPPLY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1648 | REV. | –



TYPE I
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1628	PERMANENT CAMP AND ROADS, TYPE I

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

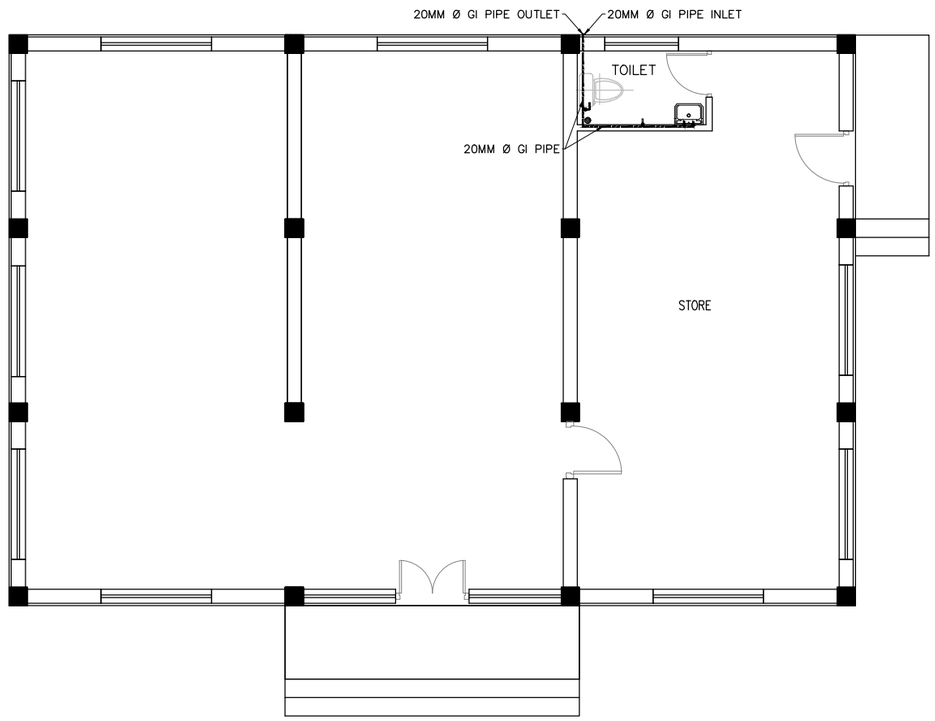
Replaces Drwg. No:

CAD– File No.:

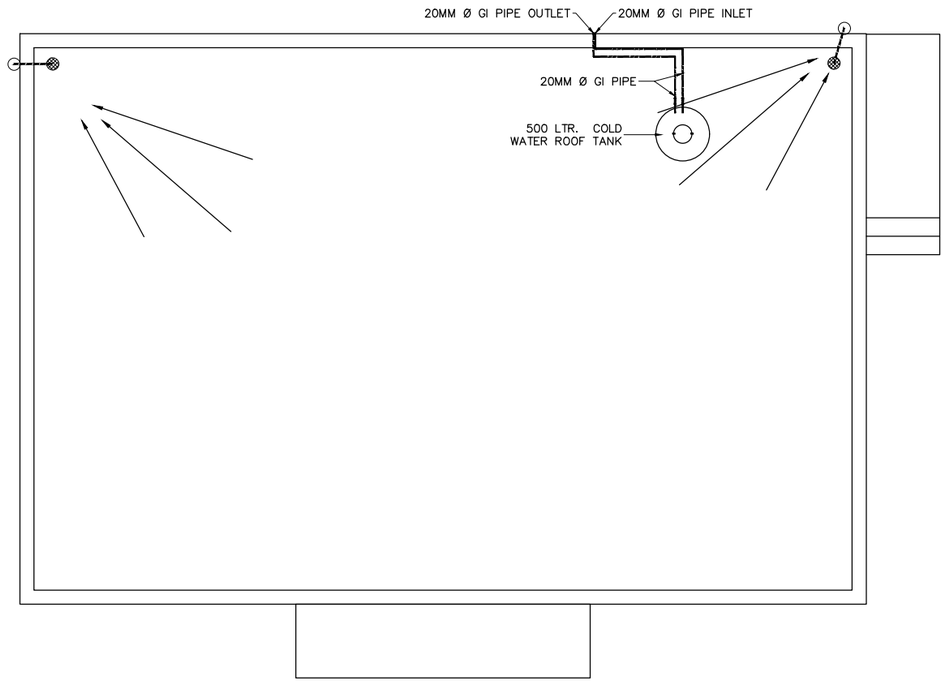
DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE I
WATER SUPPLY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310-Q 1648 REV. –



TYPE J
GROUND FLOOR PLAN



TYPE J
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1629	PERMANENT CAMP AND ROADS, TYPE J

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE J
WATER SUPPLY DRAWINGS

PROJECT DRAWING

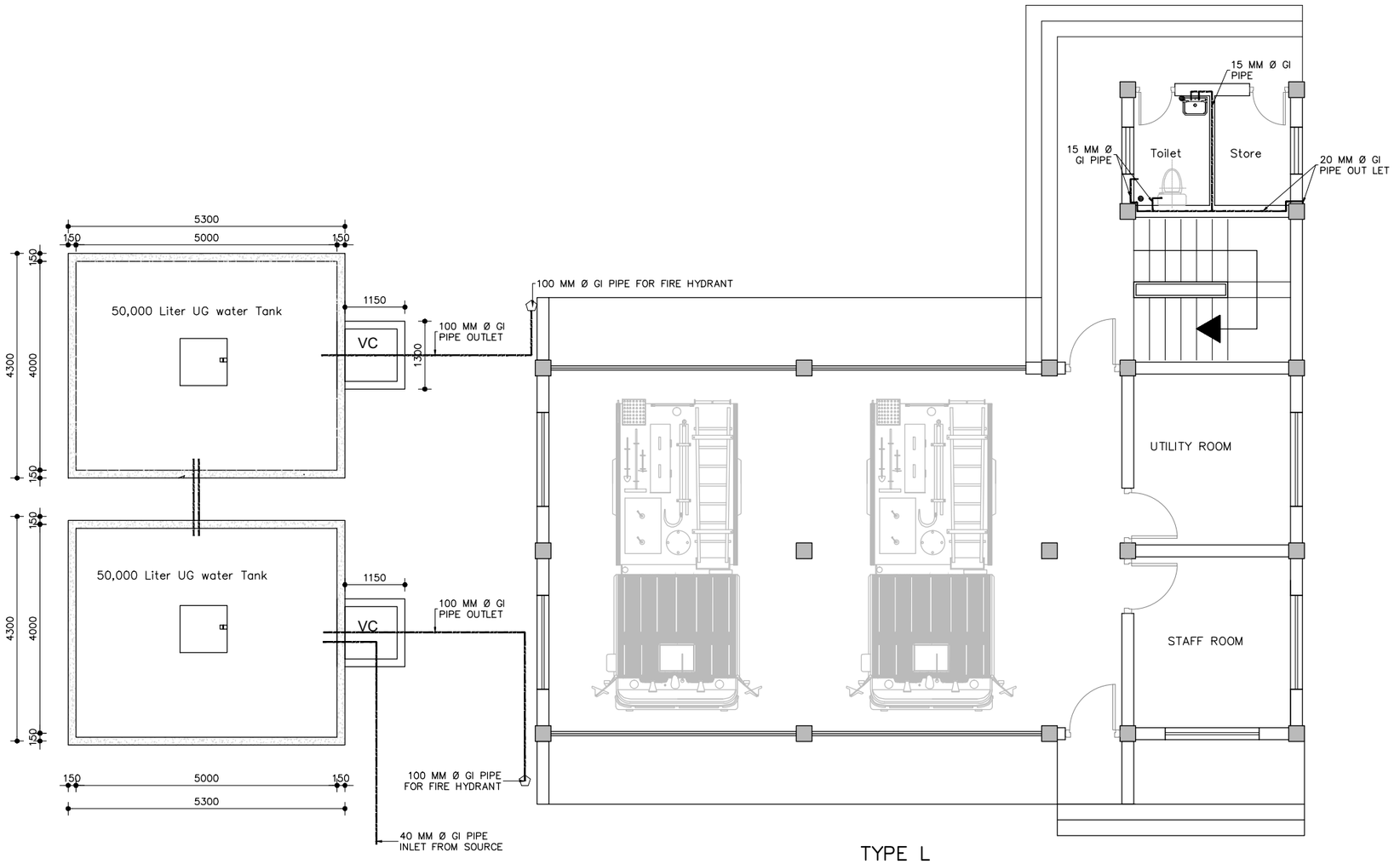
Drwg. No.: 31–00053–DD–5310– Q 1649 | REV. | –

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE



TYPE L
GROUND FLOOR PLAN

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1631	PERMANENT CAMP AND ROADS, TYPE L

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD- File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE L
WATER SUPPLY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Scale A3: 1:100

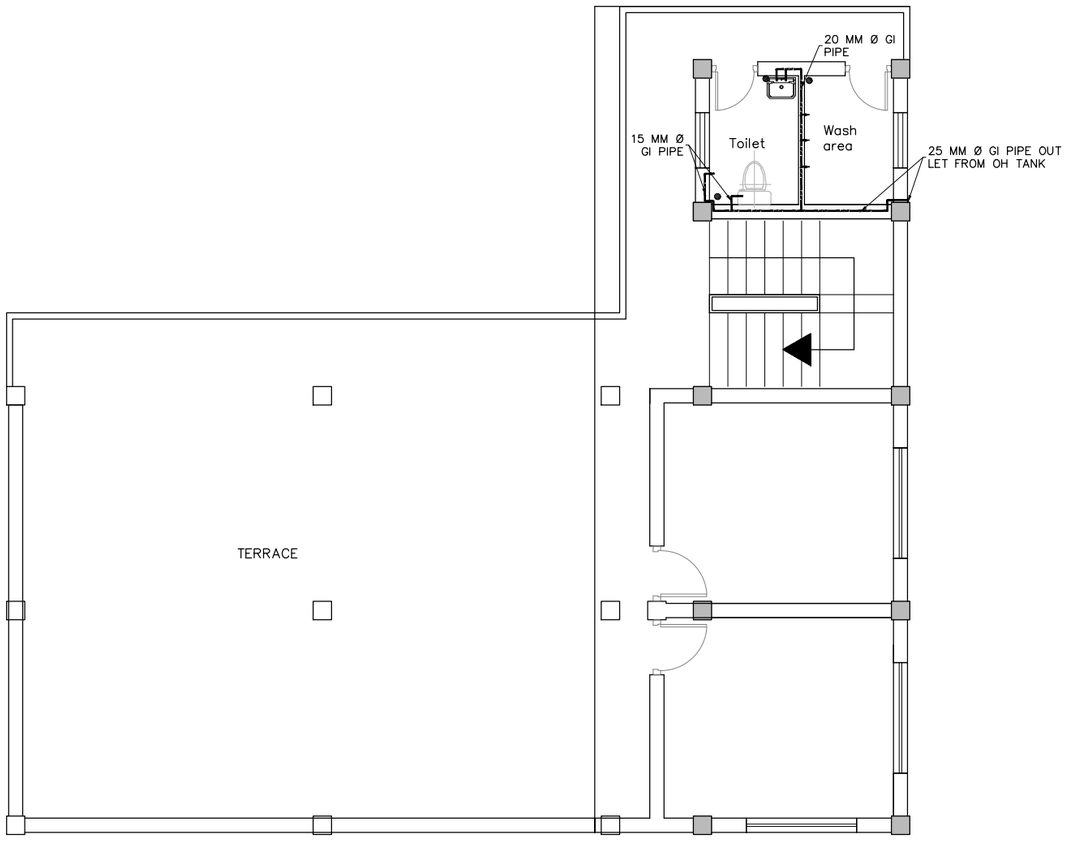
Drwg. No.: 31-00053-DD-5310-Q 1651 REV. -

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE



TYPE L
FIRST FLOOR PLAN

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1631	PERMANENT CAMP AND ROADS, TYPE L

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

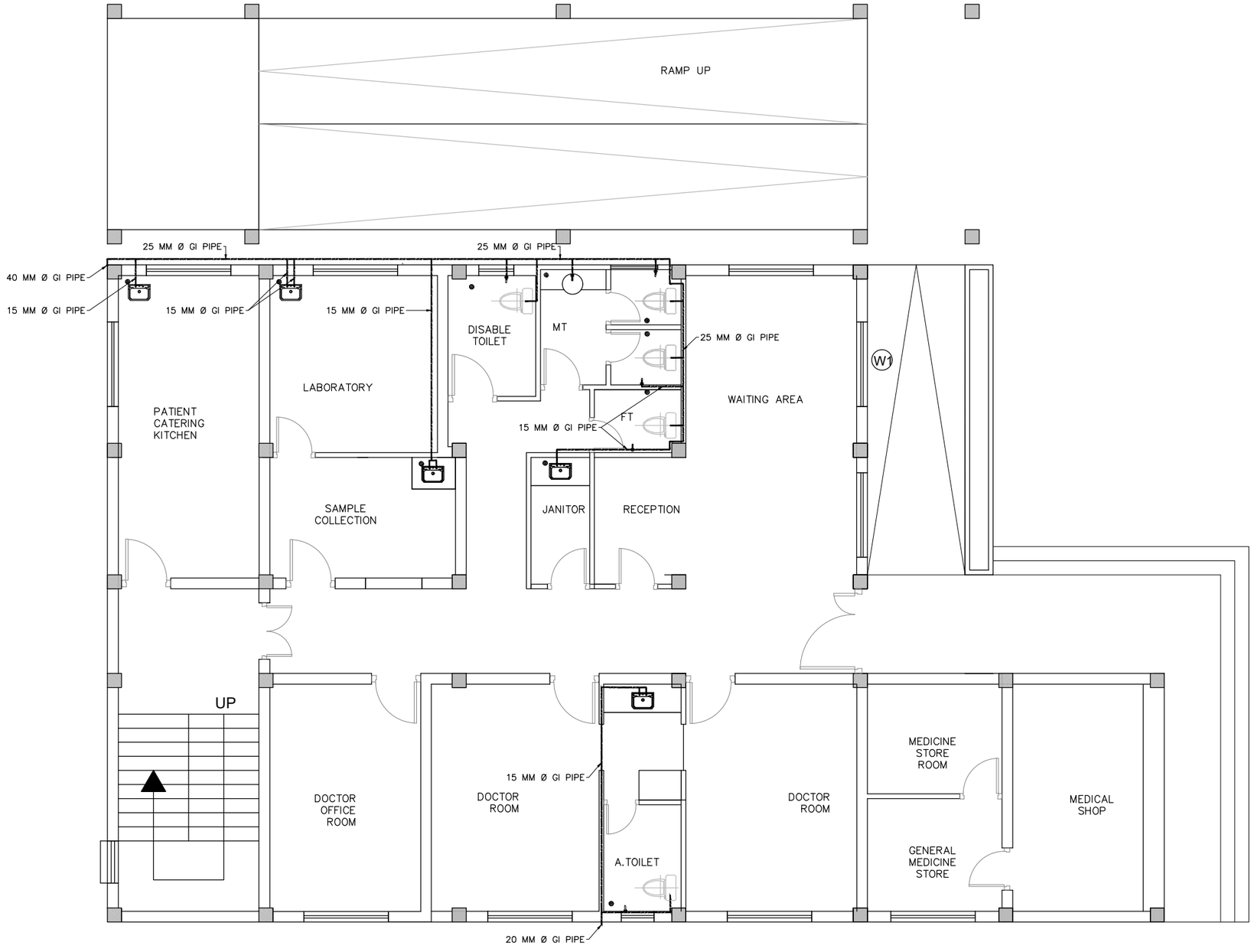
Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE L
WATER SUPPLY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31–00053–DD–5310–Q 1651 REV. –



TYPE M
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1632	PERMANENT CAMP AND ROADS, TYPE M

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
WATER SUPPLY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

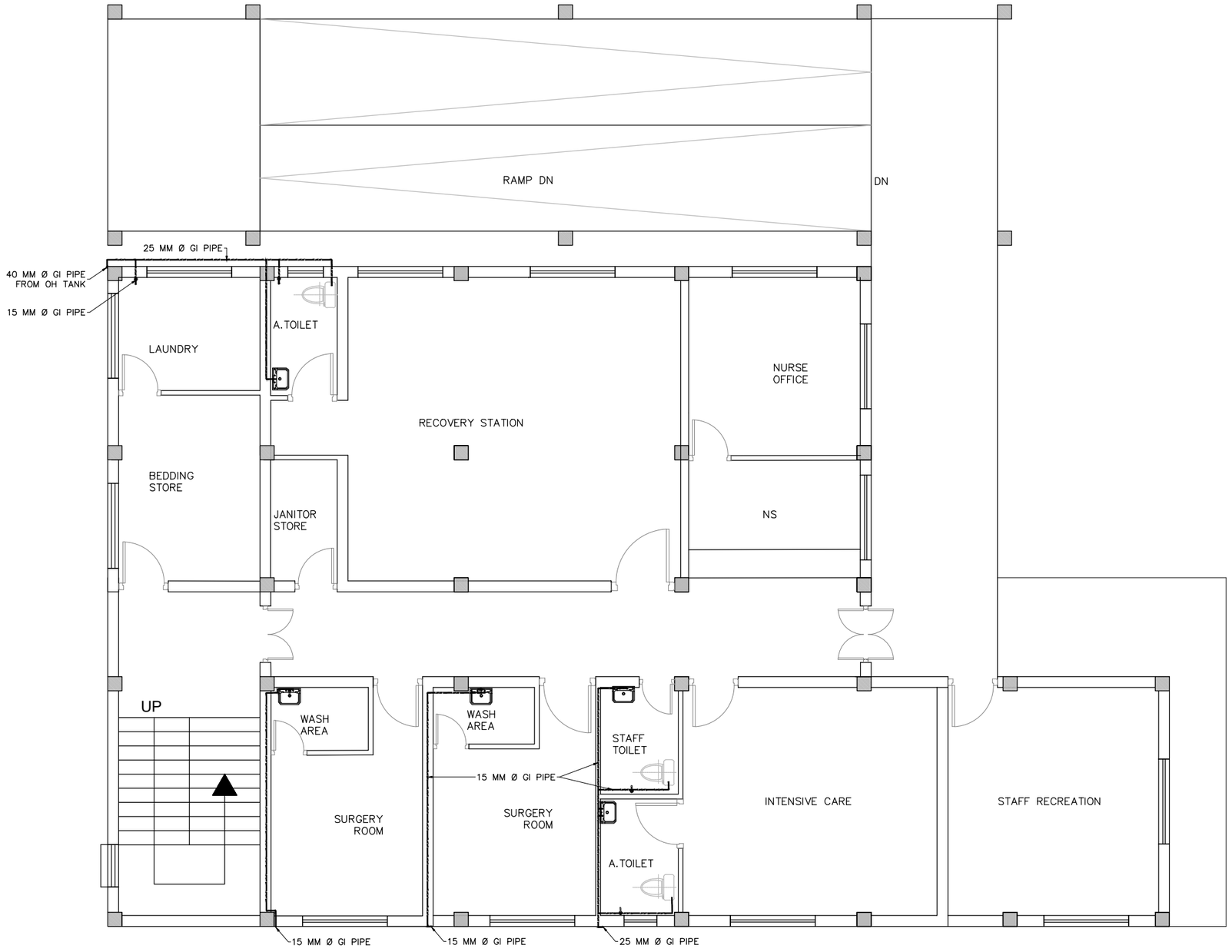
Drwg. No.: 31–00053–DD–5310–Q 1652 REV. –

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- COLD WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE



TYPE M
FIRST FLOOR PLAN

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1632	PERMANENT CAMP AND ROADS, TYPE M

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

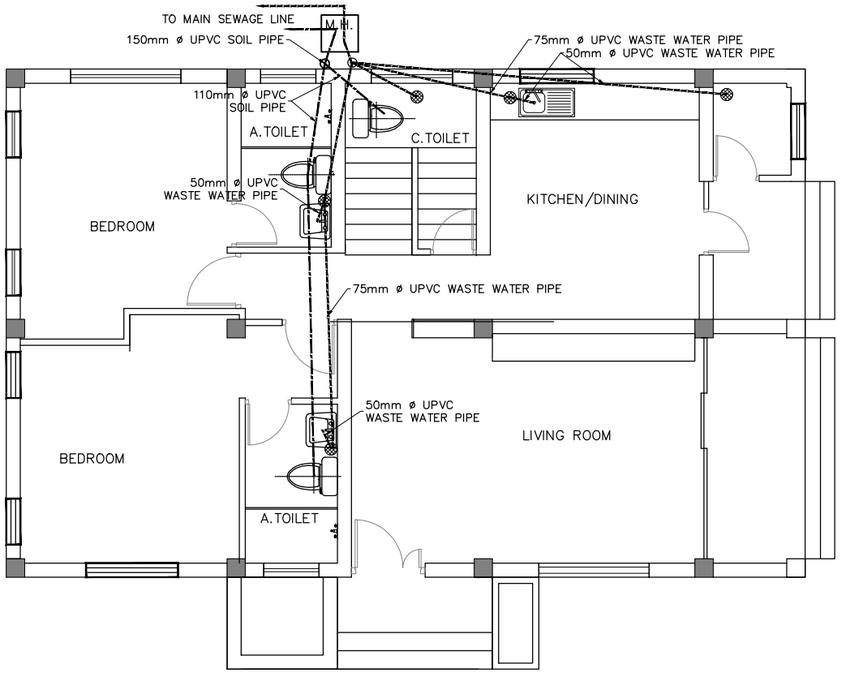
Replaces Drwg. No:

CAD– File No.:

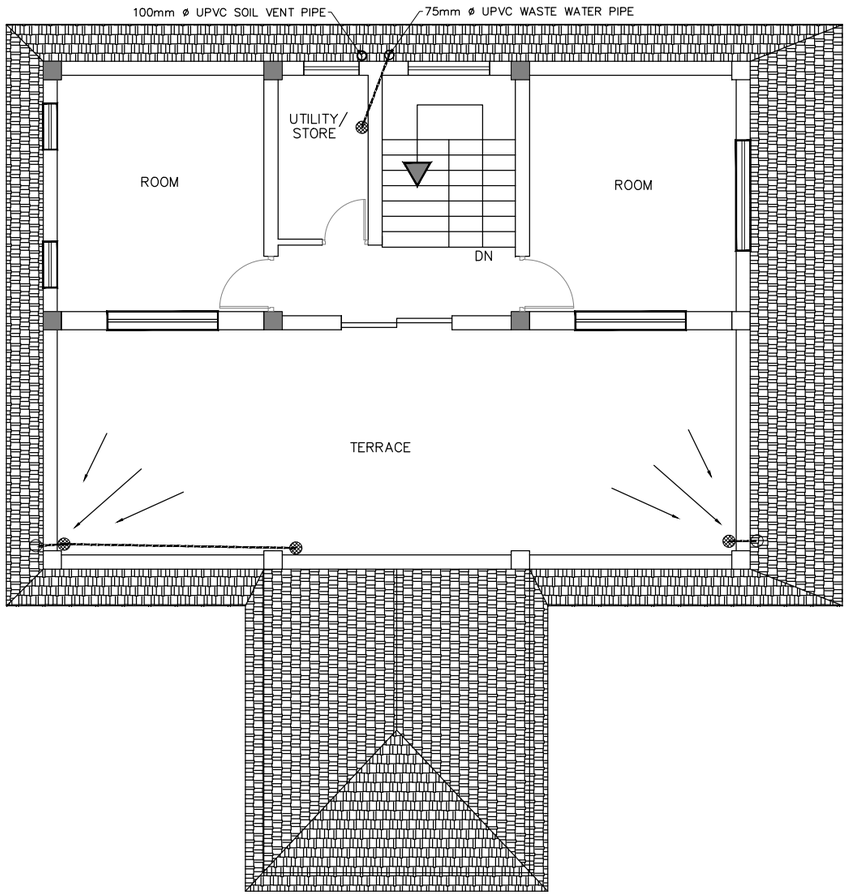
DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
WATER SUPPLY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Scale A3: 1:100

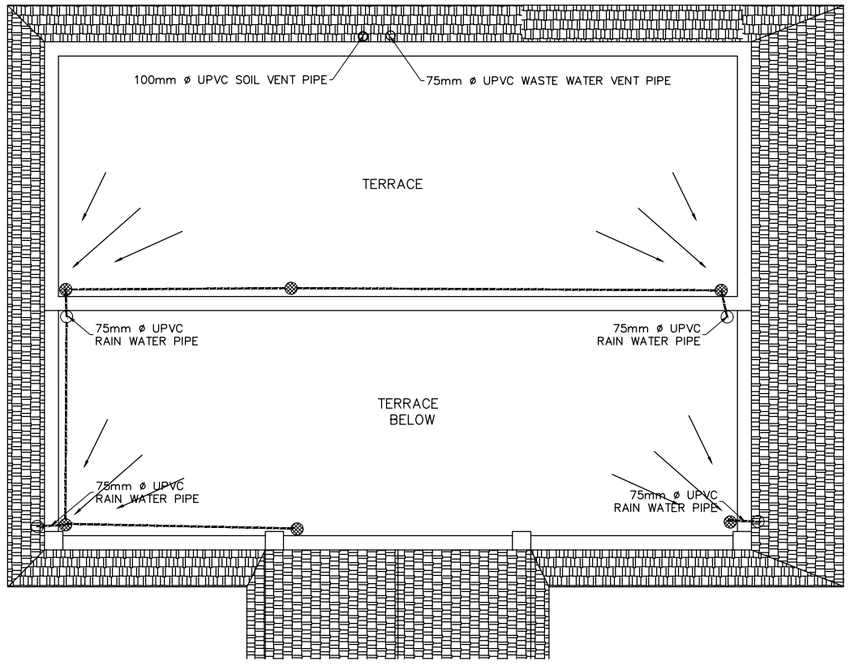
Drwg. No.: 31–00053–DD–5310– Q 1652 REV. –



TYPE A
GROUND FLOOR PLAN



TYPE A
FIRST FLOOR PLAN



TYPE A
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1620	PERMANENT CAMP AND ROADS, TYPE A

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

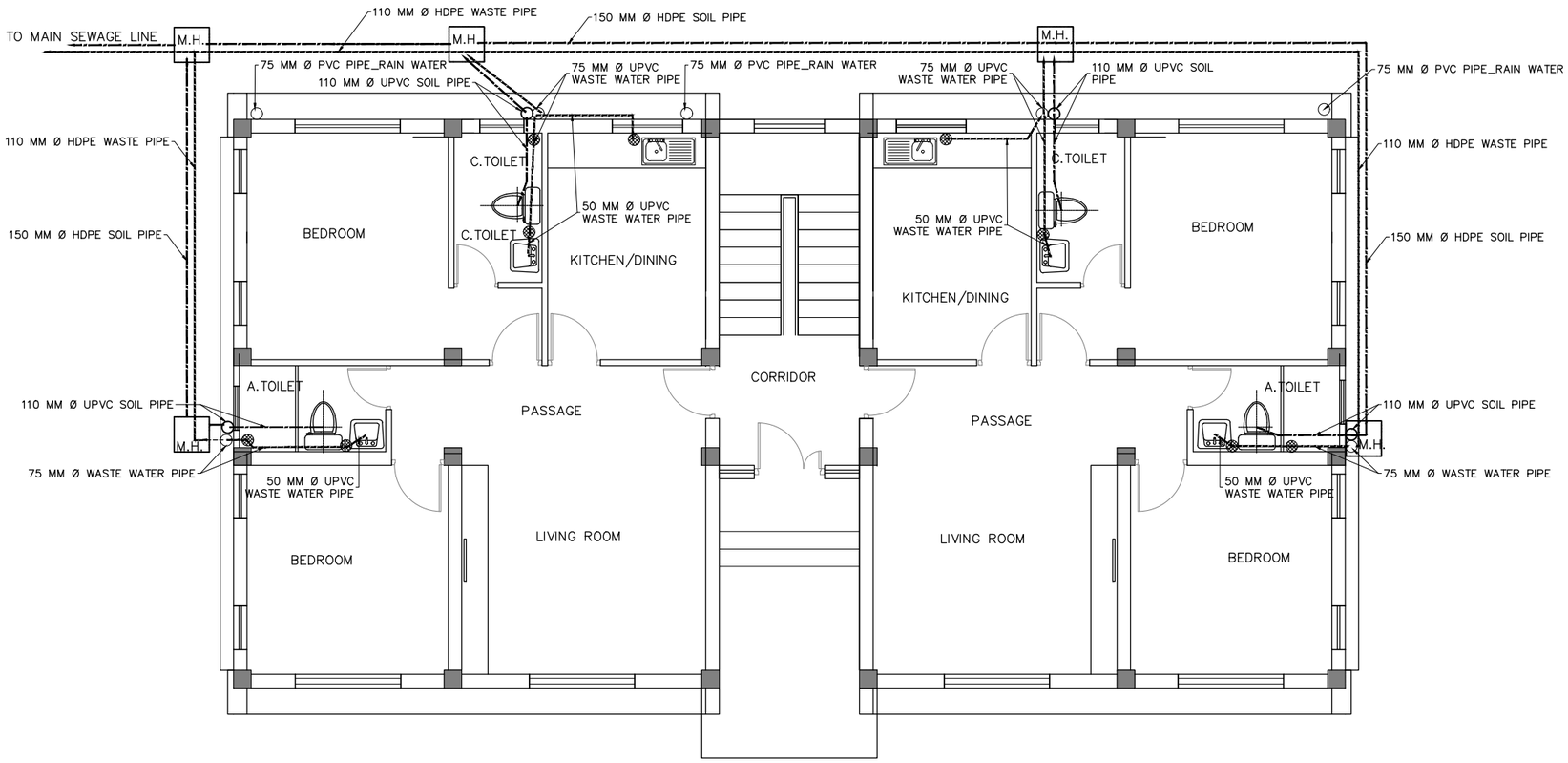
PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE A
SANITARY DRAWINGS

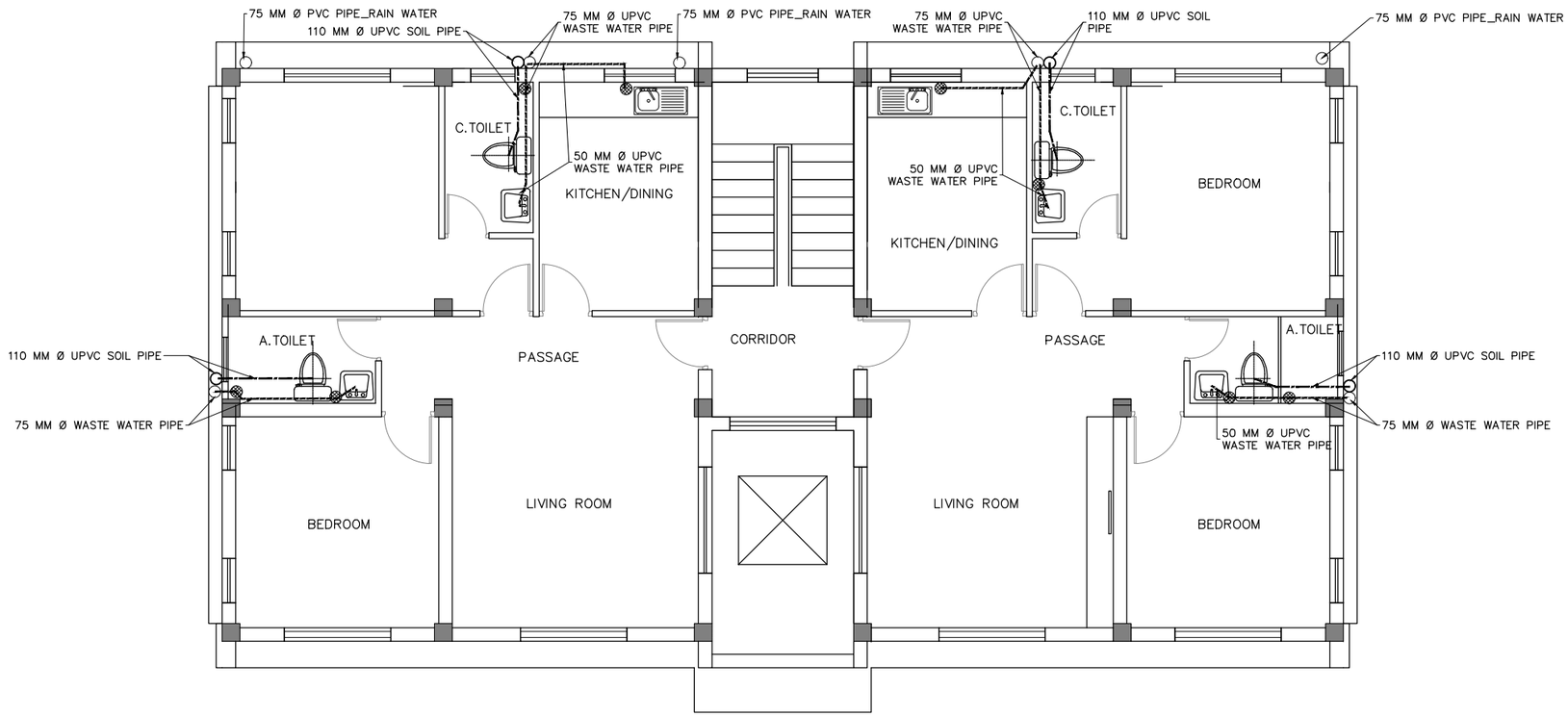
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310-Q 1661 REV. –



TYPE B
GROUND FLOOR PLAN



TYPE B
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1621	PERMANENT CAMP AND ROADS, TYPE B

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD- File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE B

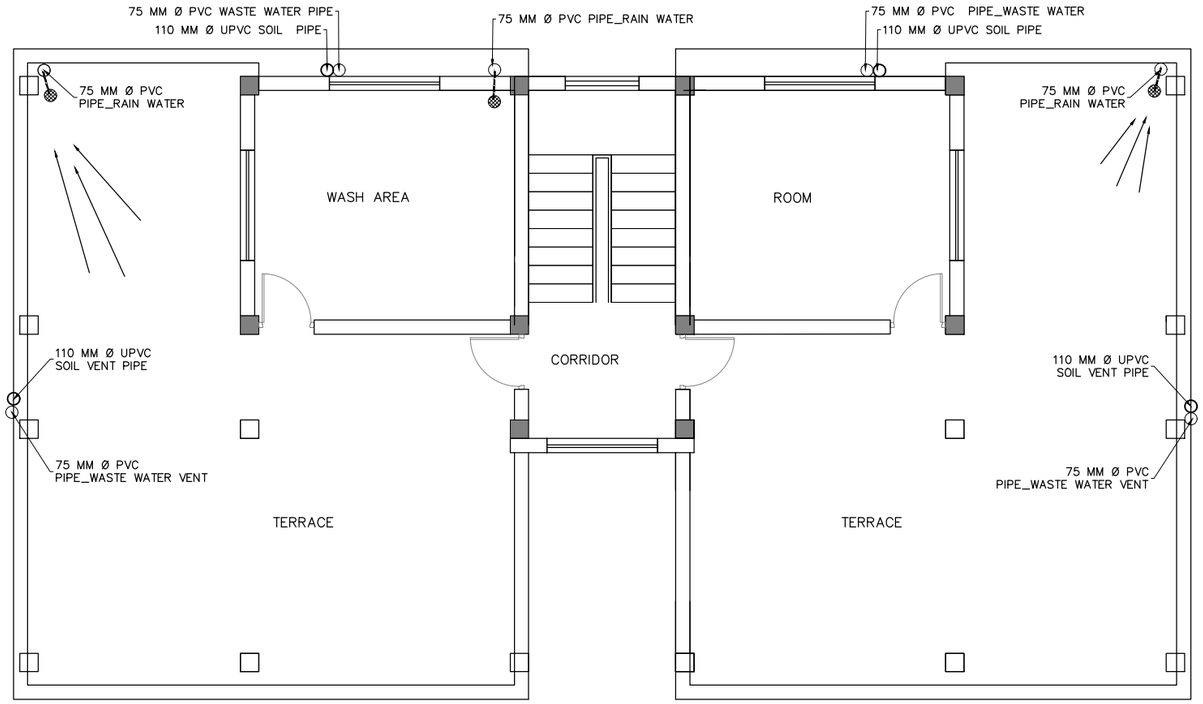
SANITARY DRAWINGS

SHEET 1 OF 2

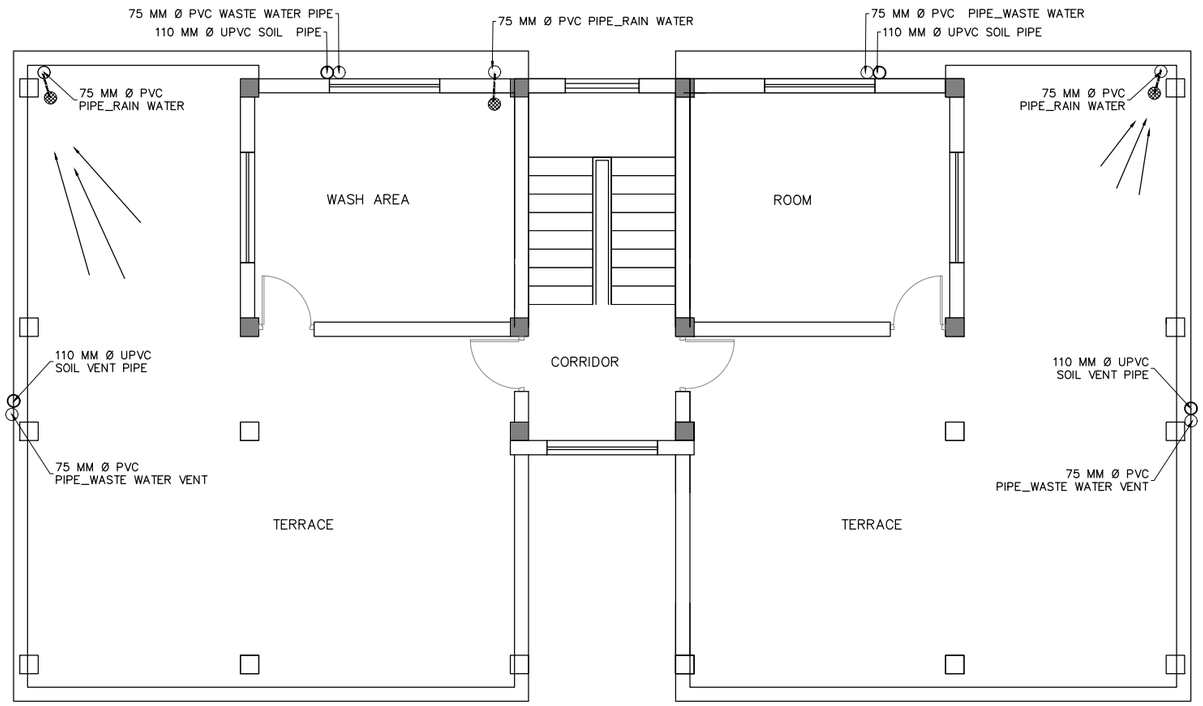
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310-Q 1662 REV. —



TYPE B
SECOND FLOOR PLAN



TYPE B
SECOND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1621	PERMANENT CAMP AND ROADS, TYPE B

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

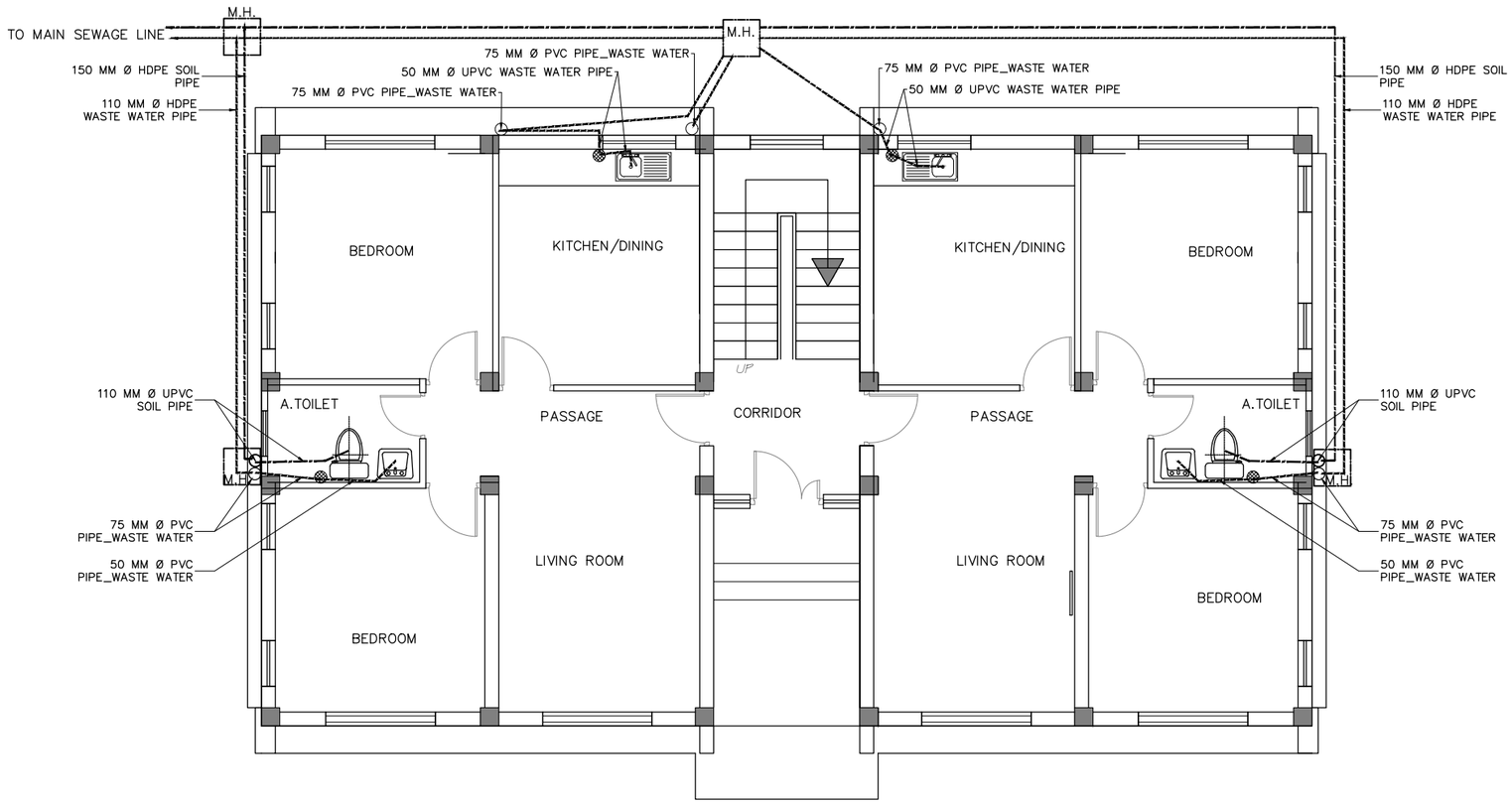
Replaces Drwg. No:

CAD– File No.:

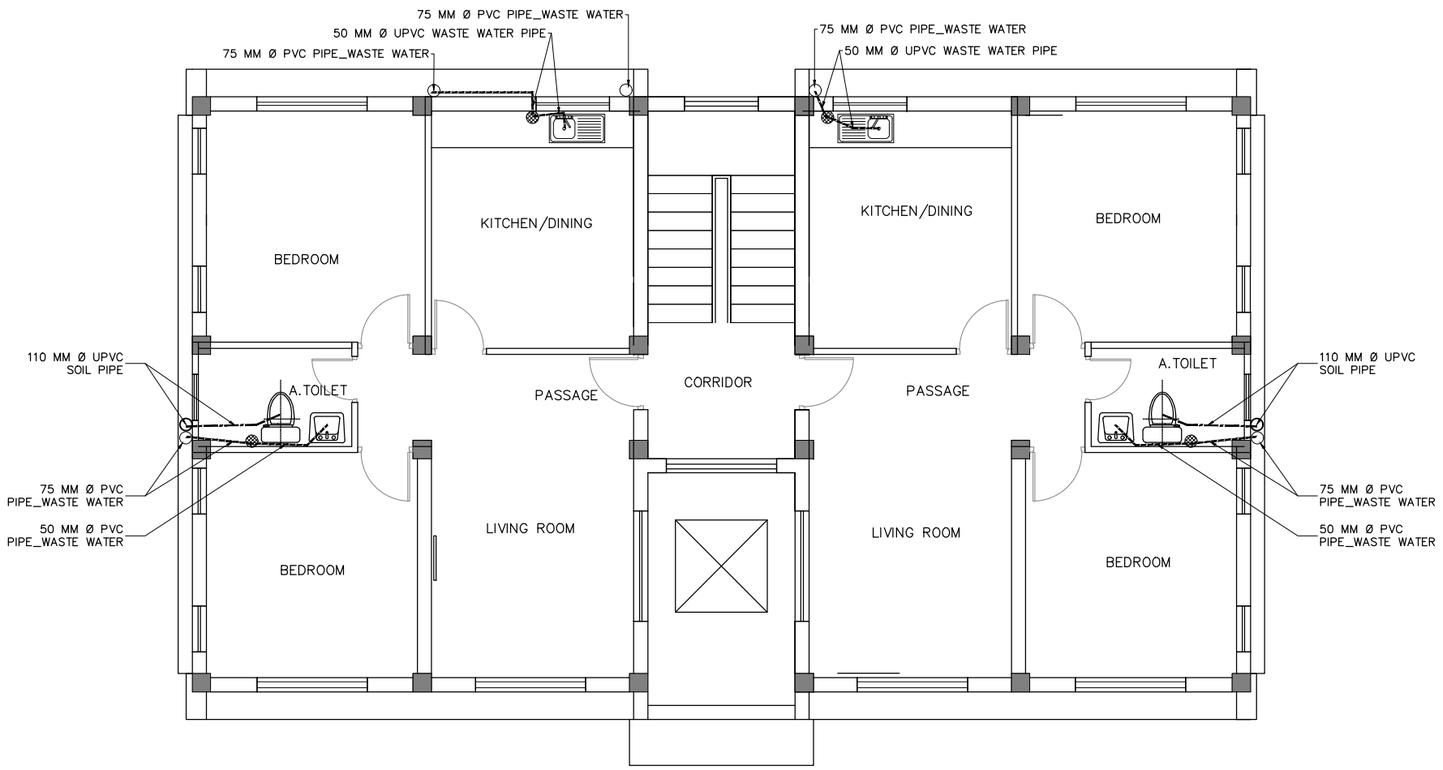
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE B
SANITARY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1662 | REV. –



TYPE C
GROUND FLOOR PLAN



TYPE C
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1622	PERMANENT CAMP AND ROADS, TYPE C

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

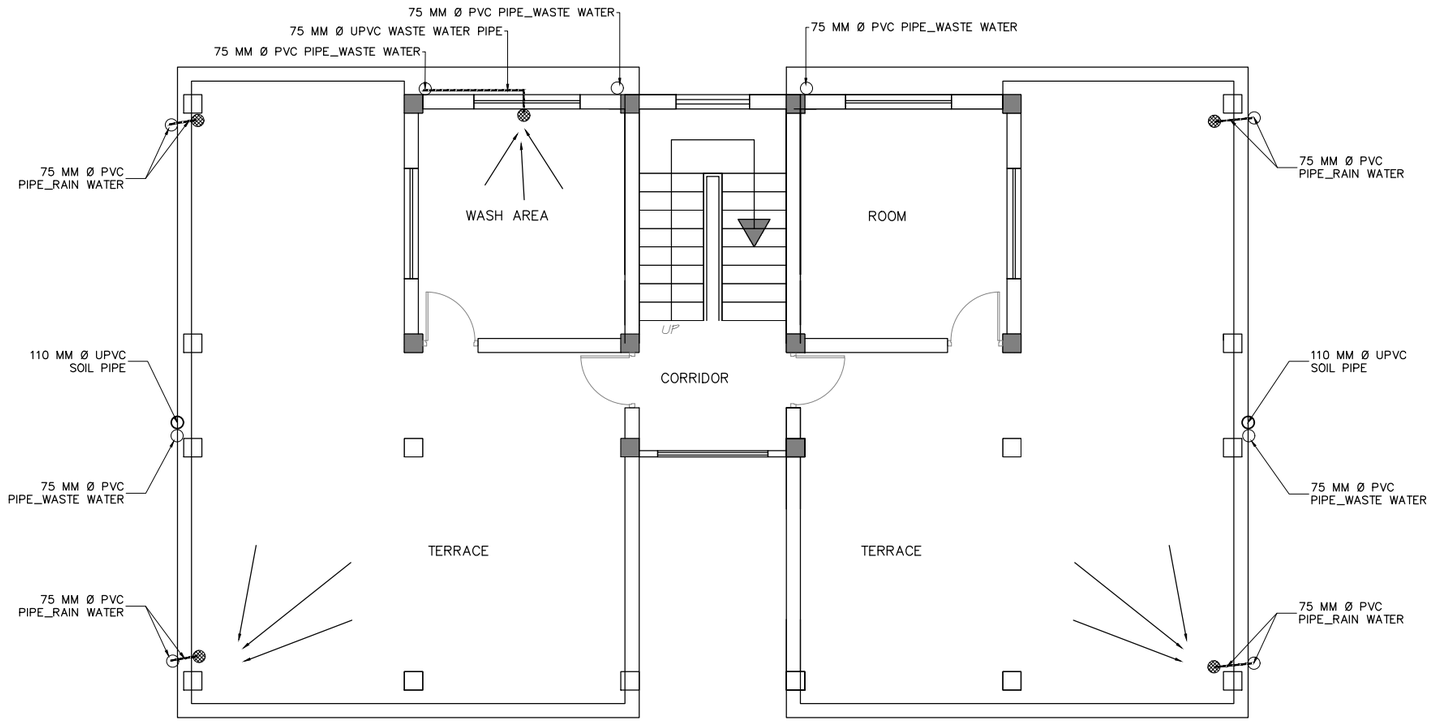
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE C
SANITARY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1663 | REV. –



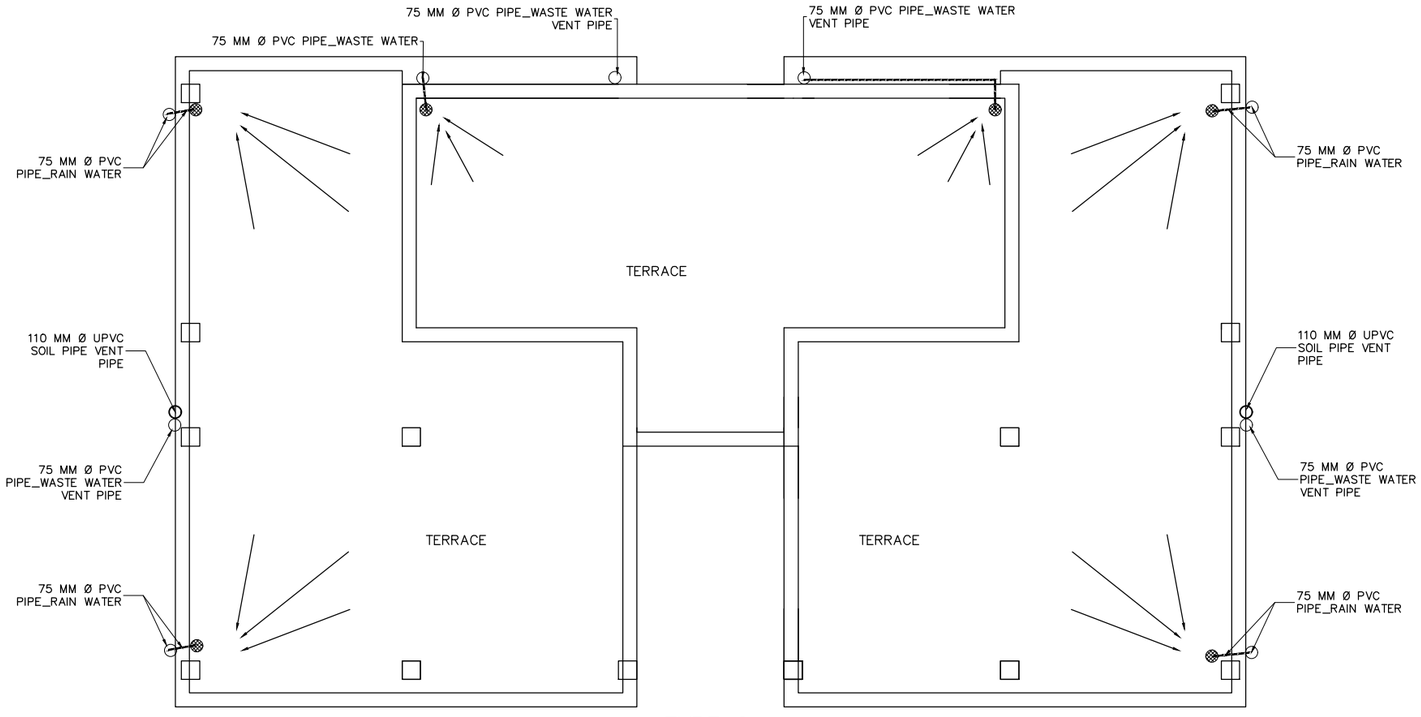
TYPE C
SECOND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE



TYPE C
ROOF FLOOR PLAN

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1622	PERMANENT CAMP AND ROADS, TYPE C

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

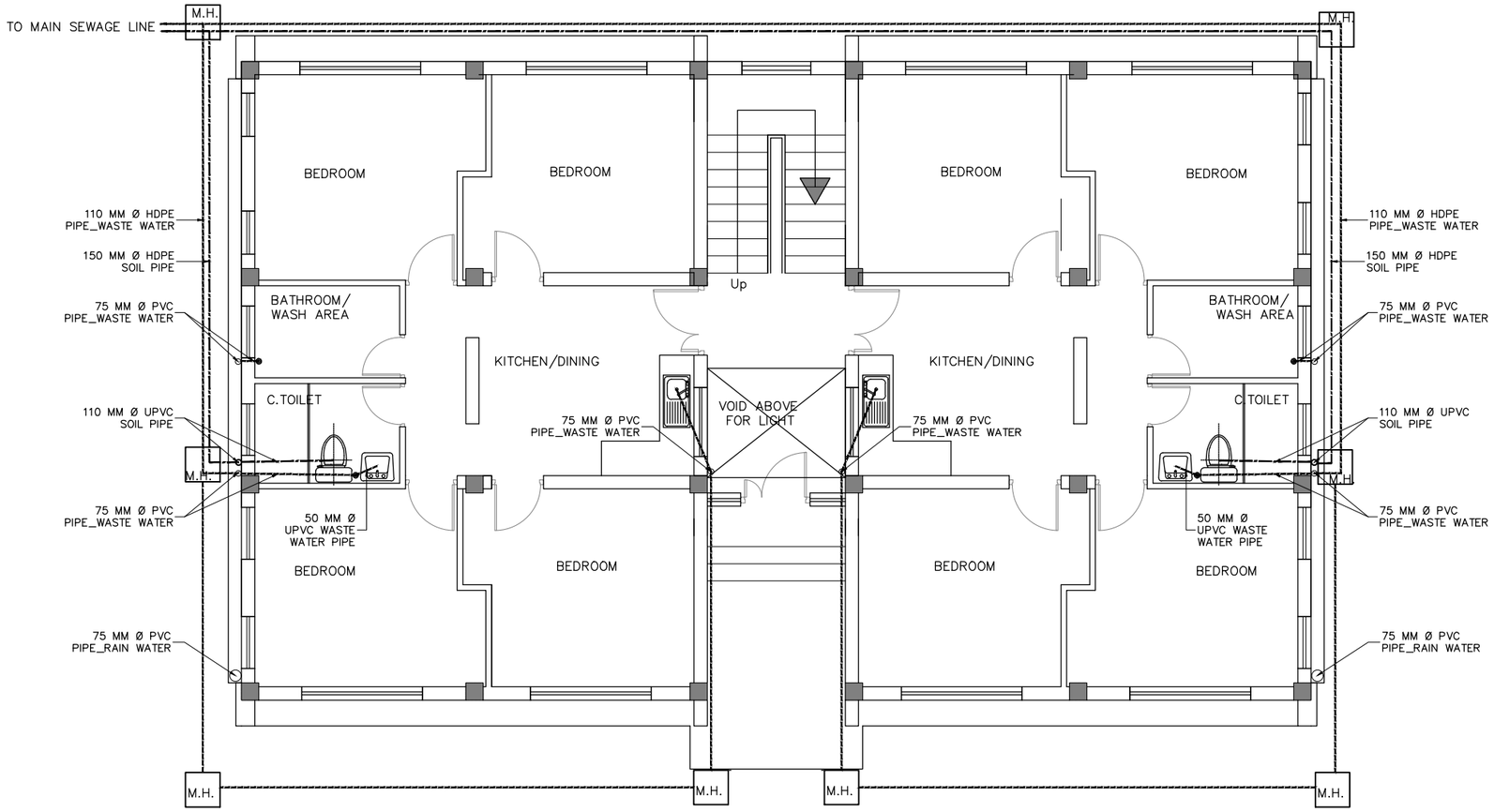
Replaces Drwg. No:

CAD- File No.:

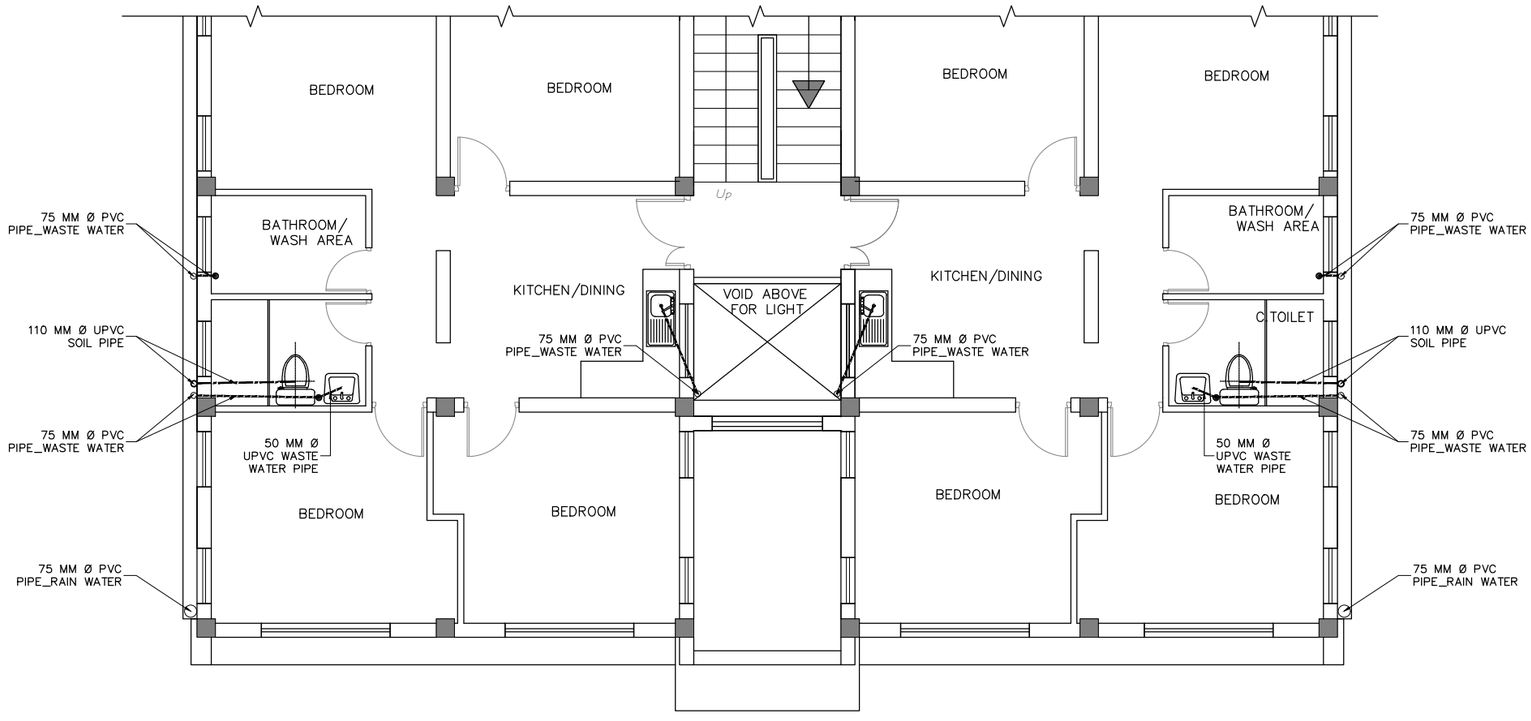
DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE C
SANITARY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310-Q 1663 | REV. | A



TYPE D
GROUND FLOOR PLAN



TYPE D
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1623	PERMANENT CAMP AND ROADS, TYPE D

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

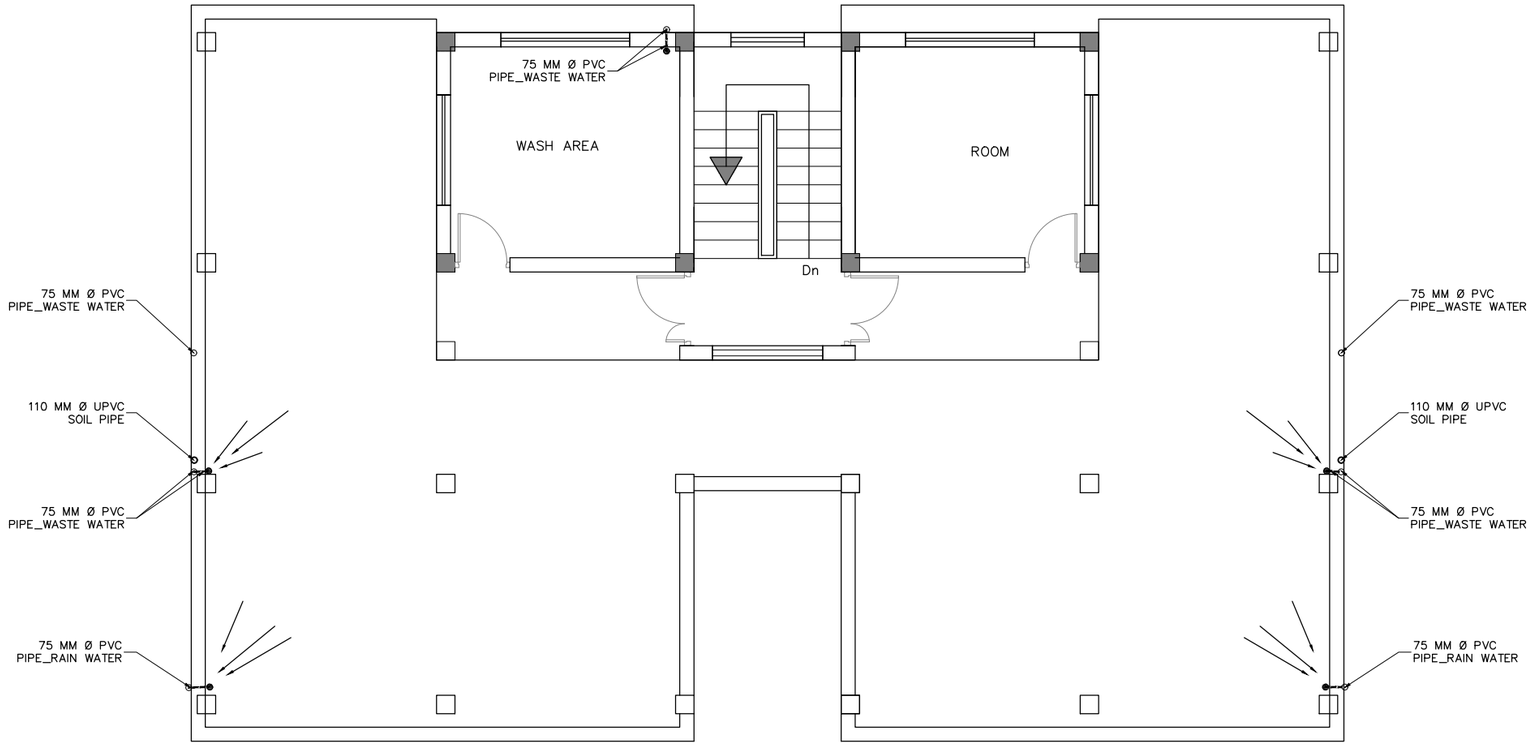
ACCOMMODATION BUILDING TYPE D

SANITARY DRAWINGS

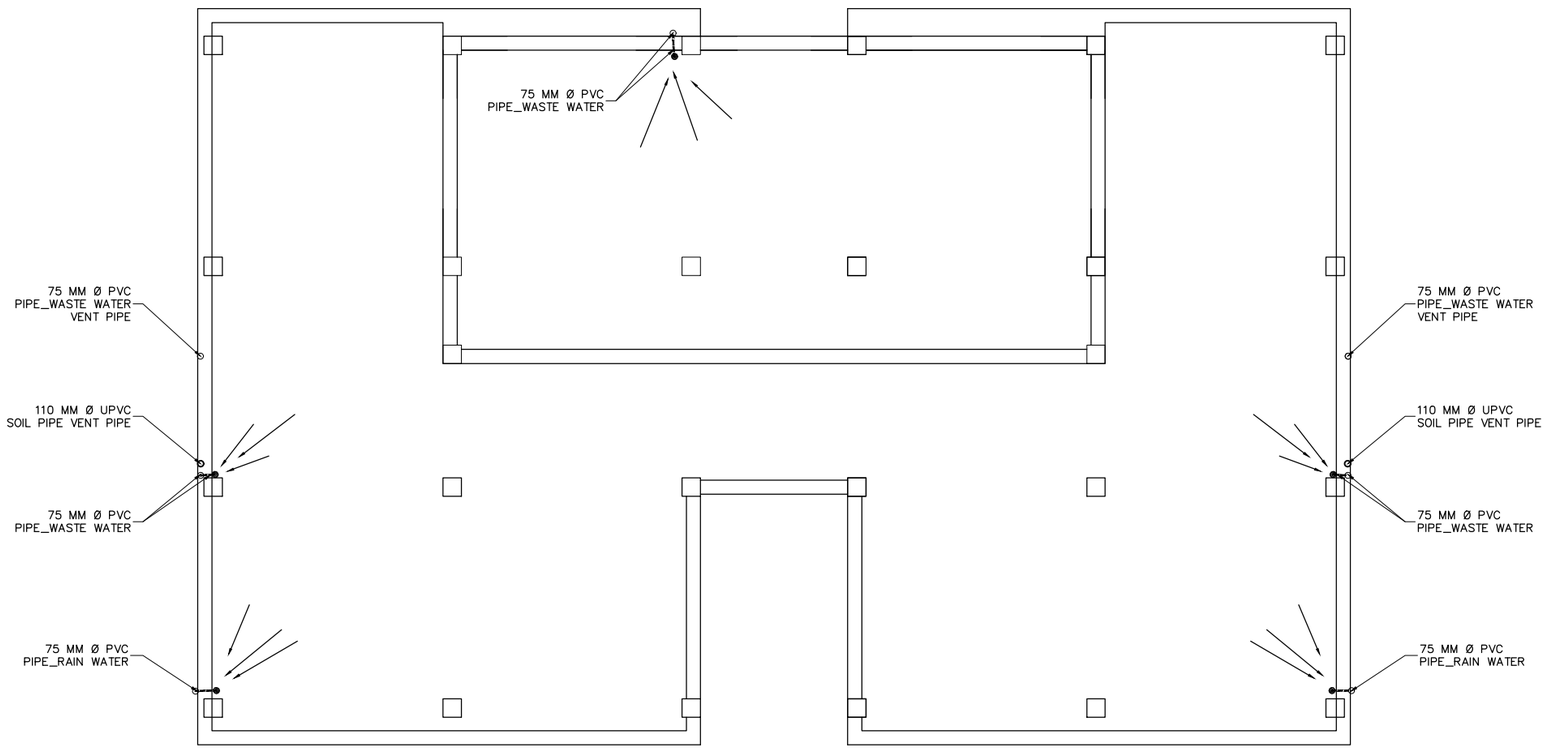
SHEET 1 OF 2

PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1664 | REV. –



TYPE D
SECOND FLOOR PLAN



TYPE D
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- COLD WATER PIPE
- HOT WATER PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1623	PERMANENT CAMP AND ROADS, TYPE D

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

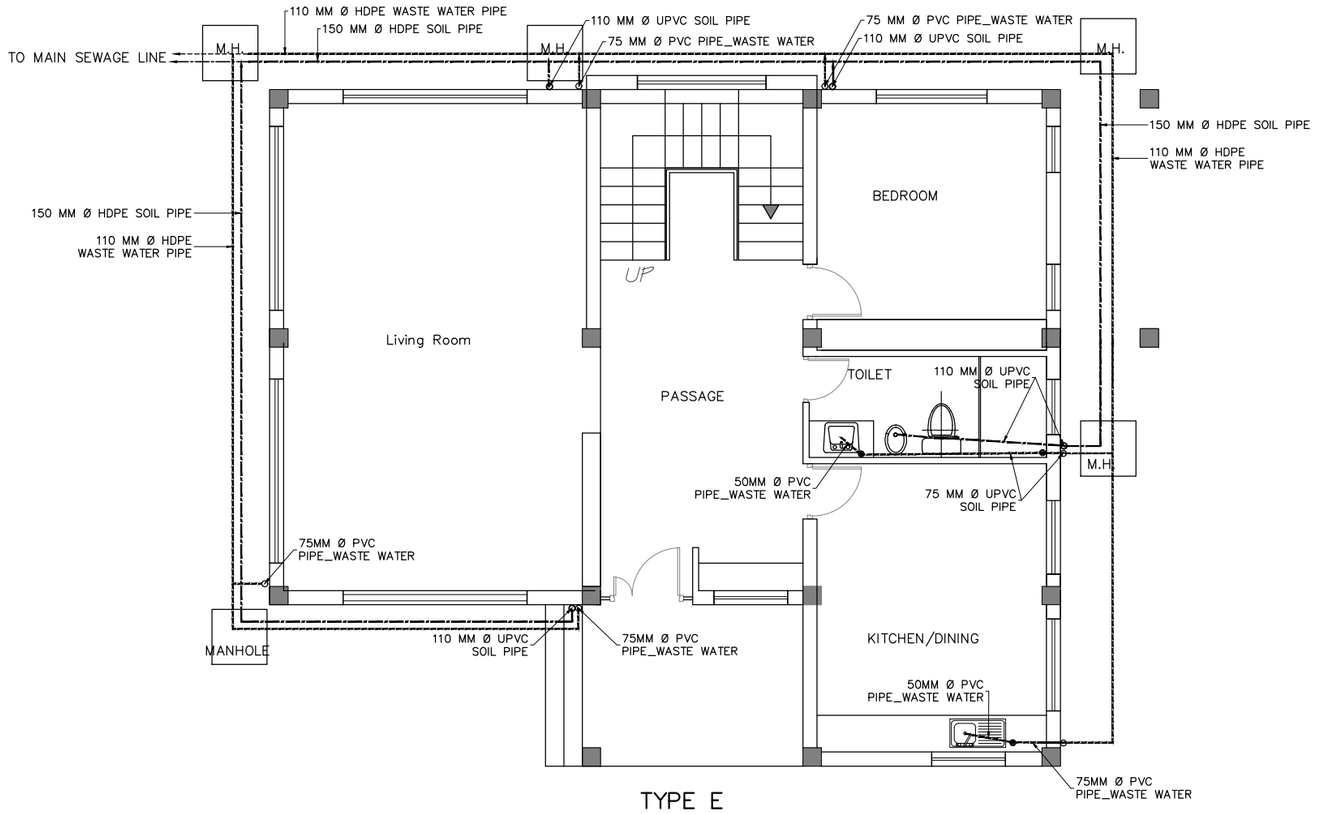
Replaces Drwg. No:

CAD– File No.:

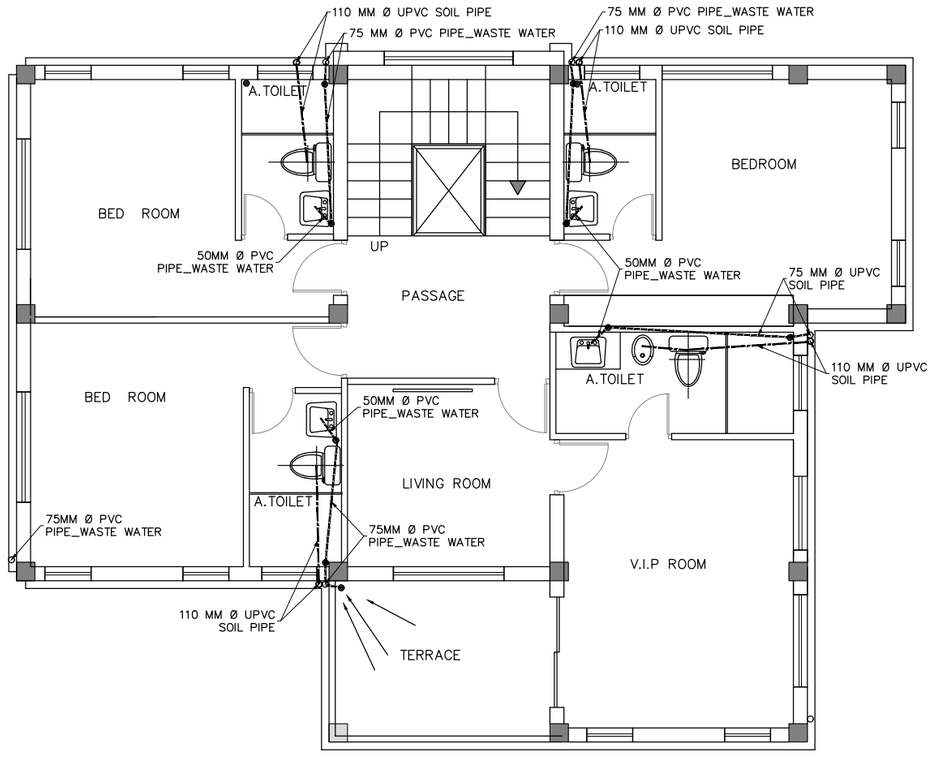
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE D
SANITARY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1664 REV. –



TYPE E
GROUND FLOOR PLAN



TYPE E
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1624	PERMANENT CAMP AND ROADS, TYPE E

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

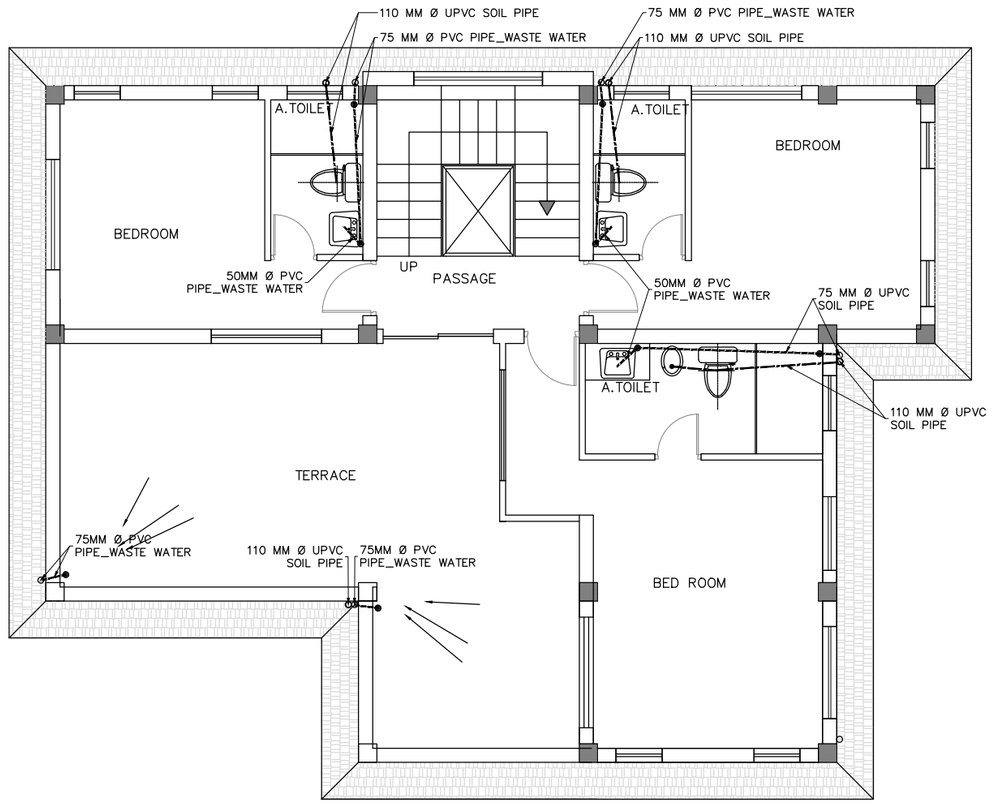
Replaces Drwg. No:

CAD– File No.:

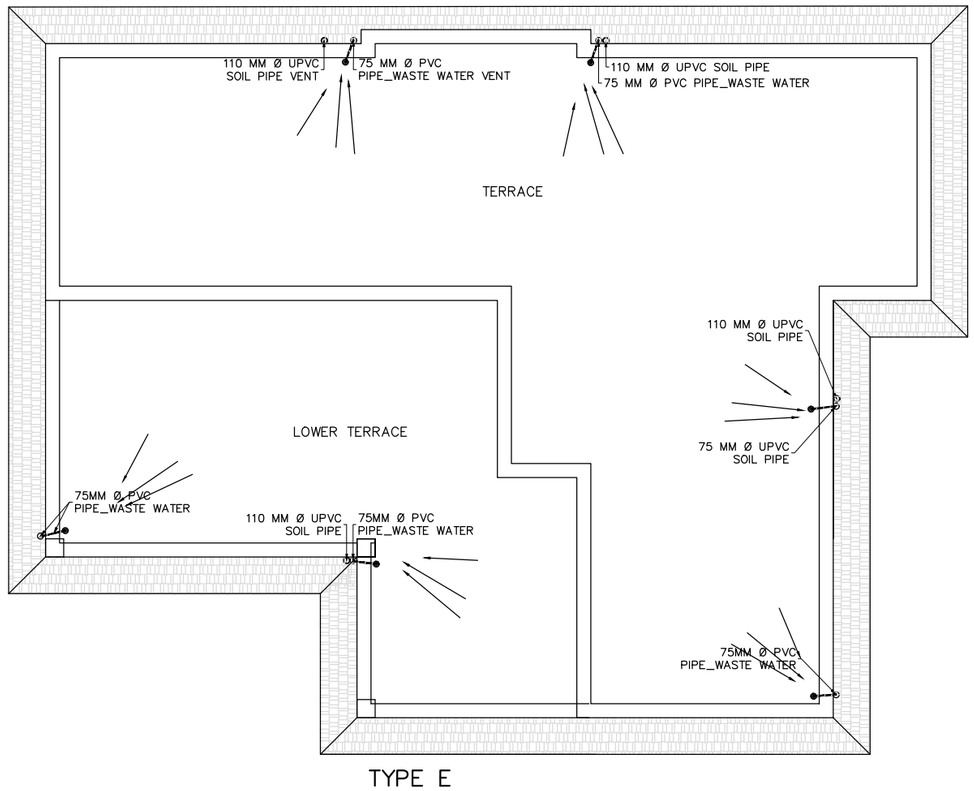
DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE E
SANITARY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31–00053–DD–5310–Q 1665 | REV. –



TYPE E
SECOND FLOOR PLAN



TYPE E
TOP FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1624	PERMANENT CAMP AND ROADS, TYPE E

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

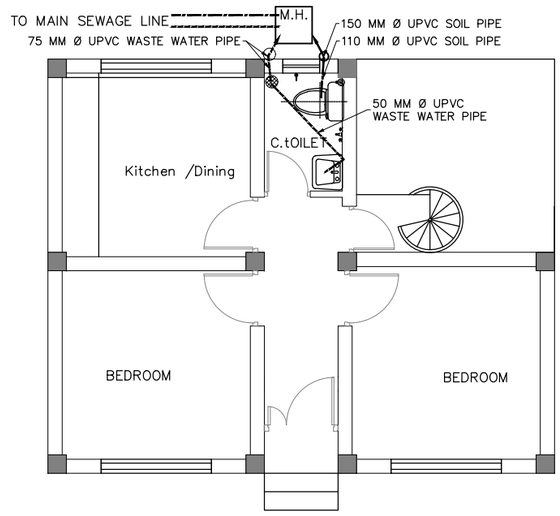
Replaces Drwg. No:

CAD– File No.:

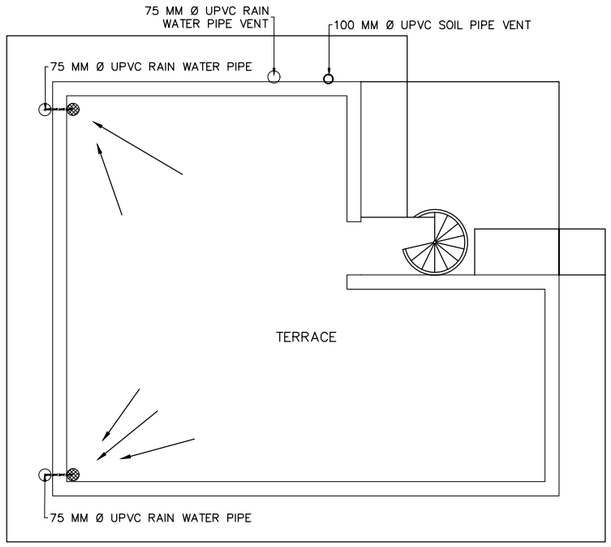
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE E
SANITARY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1665 | REV. –



TYPE F
GROUND FLOOR PLAN



TYPE F
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1625	PERMANENT CAMP AND ROADS, TYPE F

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN

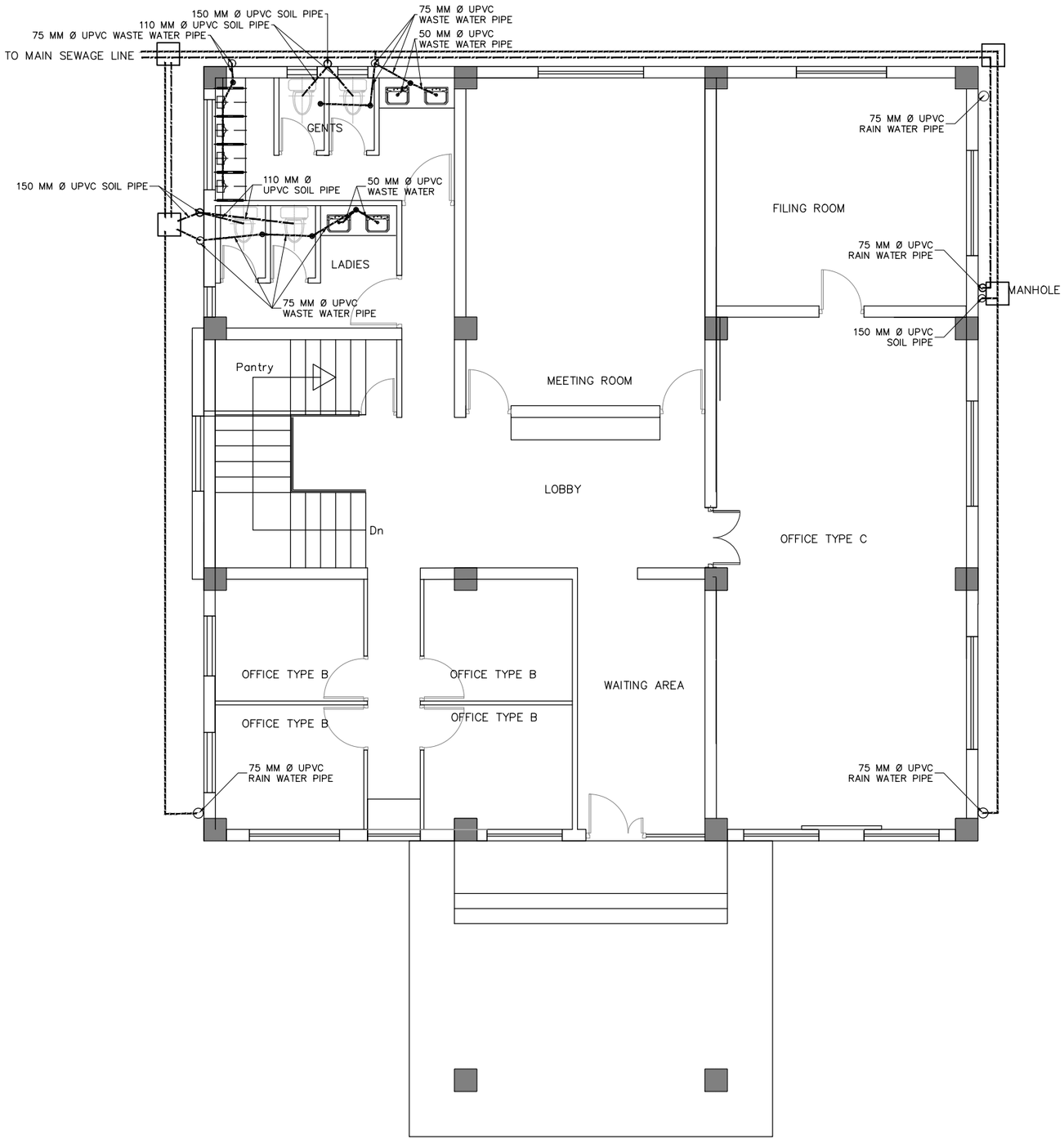
PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE F

SANITARY DRAWINGS

PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1666 | REV. —



TYPE G
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

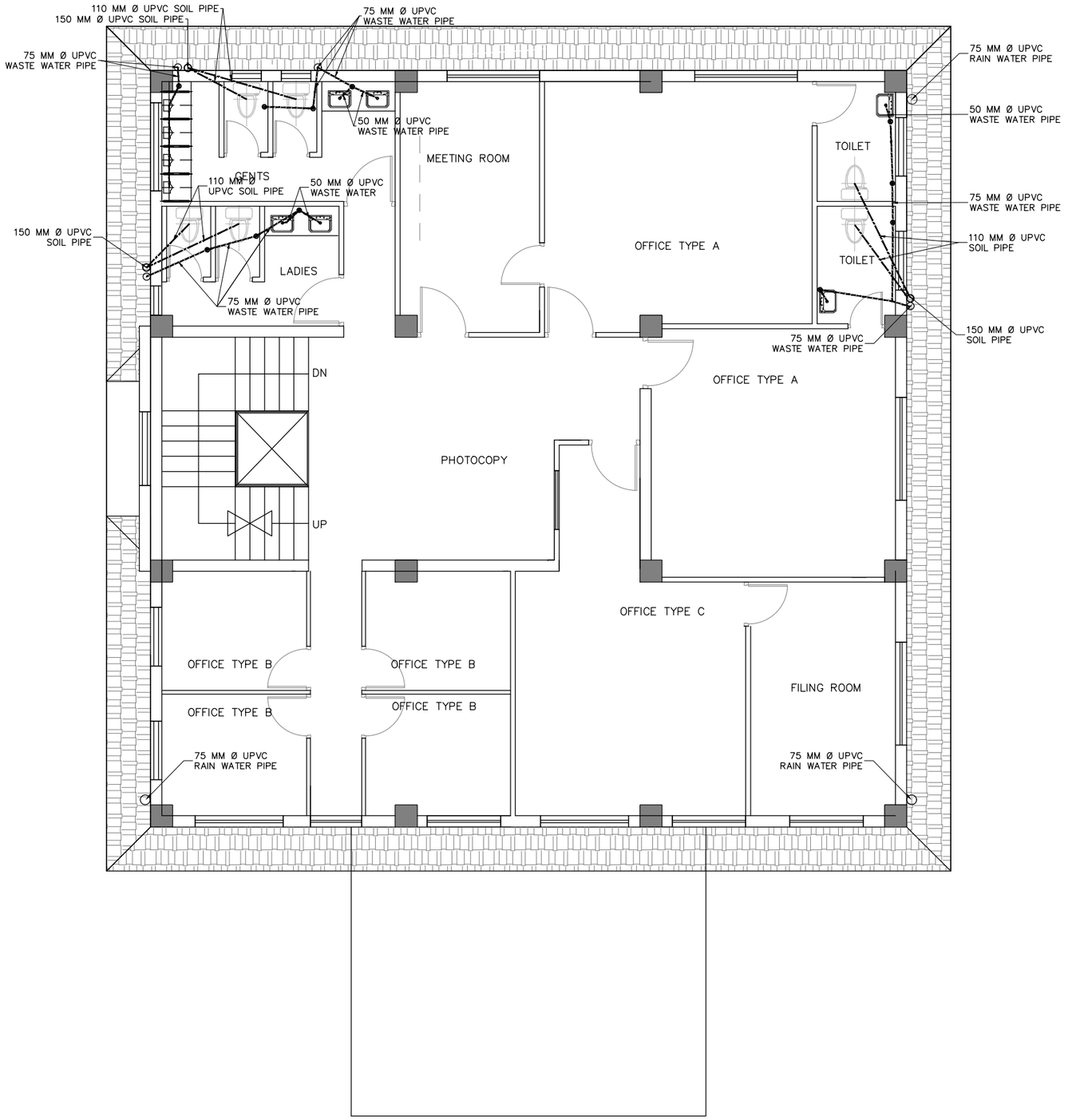
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
SANITARY DRAWINGS
SHEET 1 OF 4
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1667 REV. –



TYPE G
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

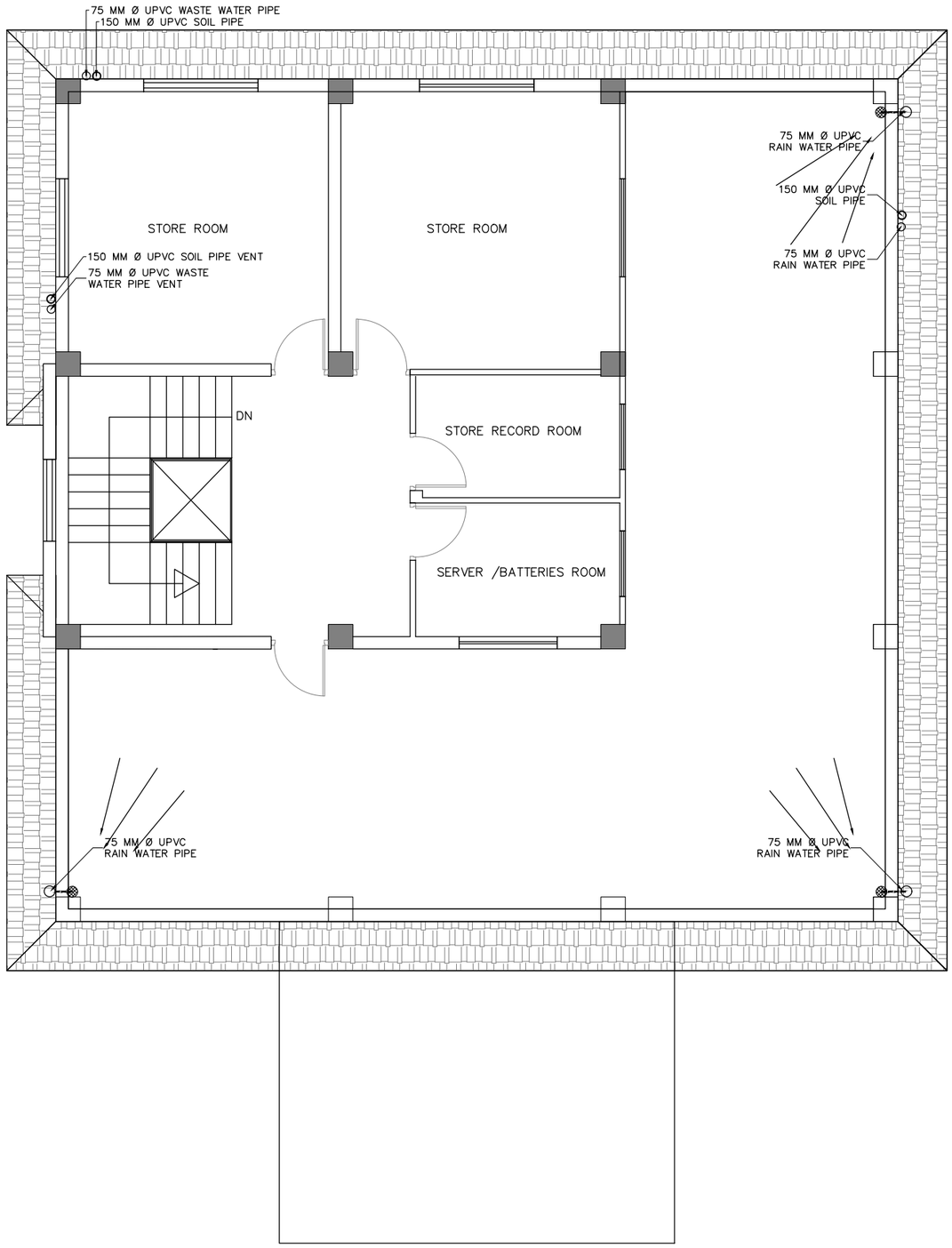
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING TYPE G
SANITARY DRAWINGS
SHEET 2 OF 4
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1667 REV. –



TYPE G
SECOND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1626	PERMANENT CAMP AND ROADS, TYPE G

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

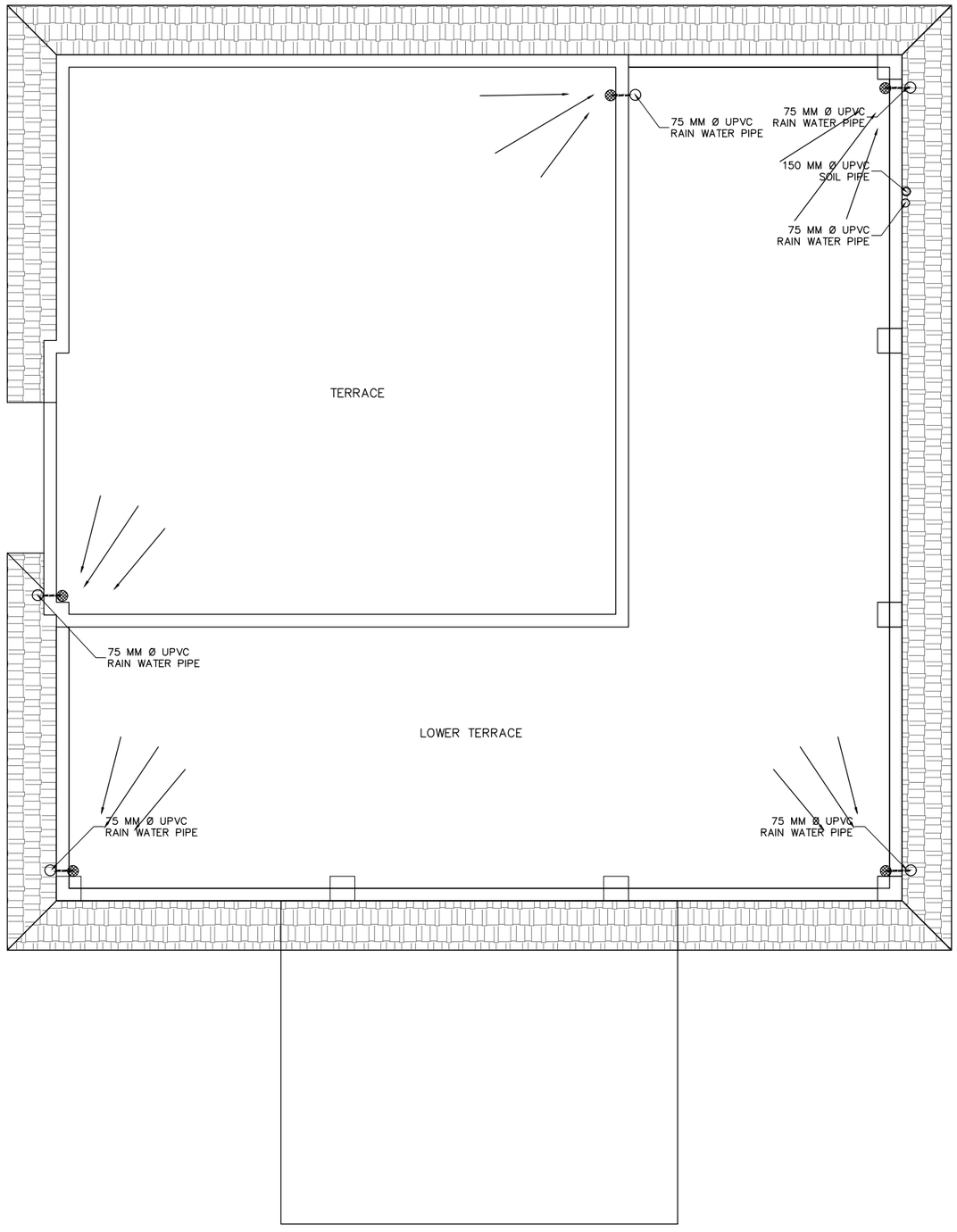
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
SANITARY DRAWINGS
SHEET 3 OF 4
PROJECT DRAWING

Drwg. No.: 31-00053-DD-5310-Q 1667 REV. –



TYPE G
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

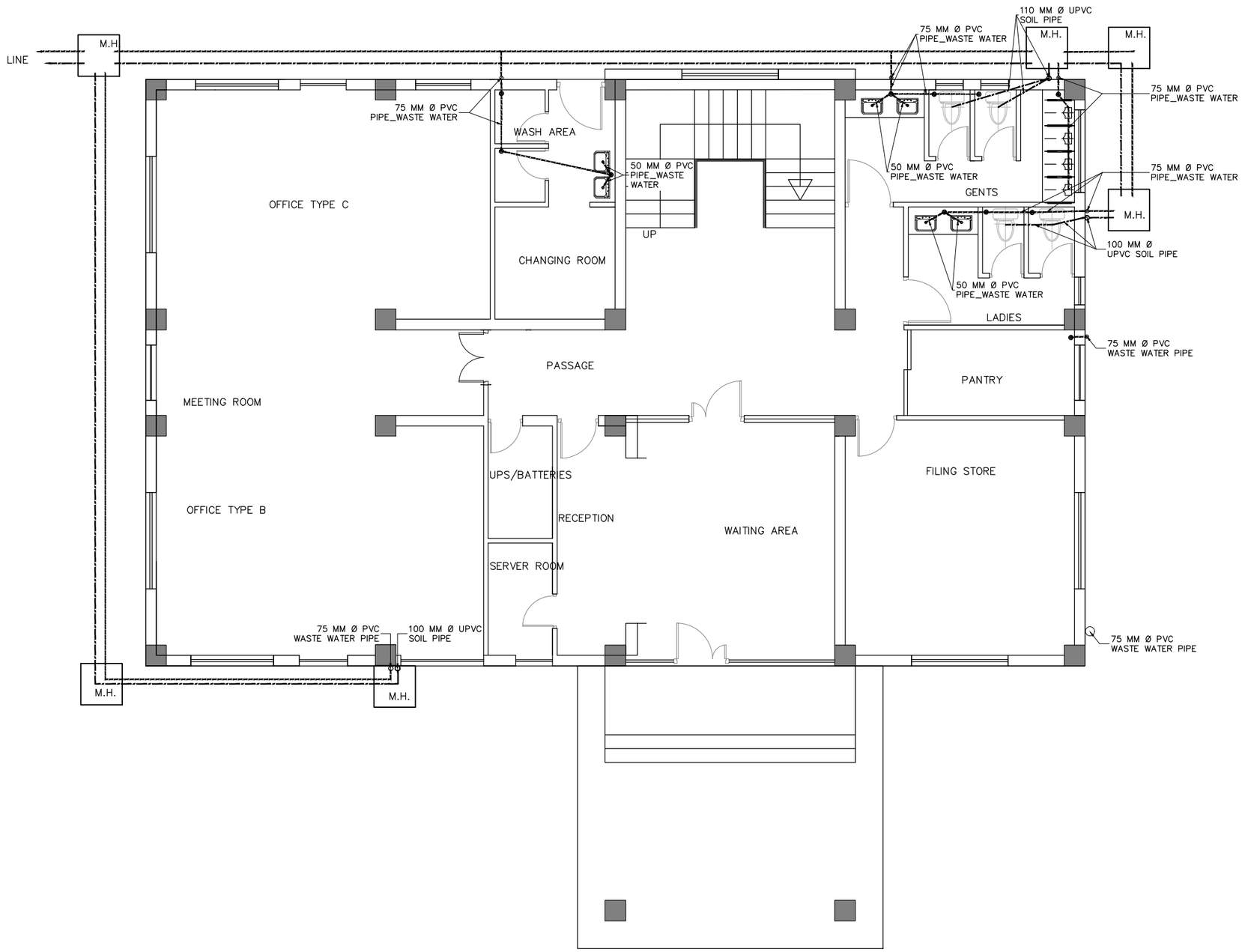
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
SANITARY DRAWINGS
SHEET 4 OF 4
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1667 REV. –



TYPE H
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

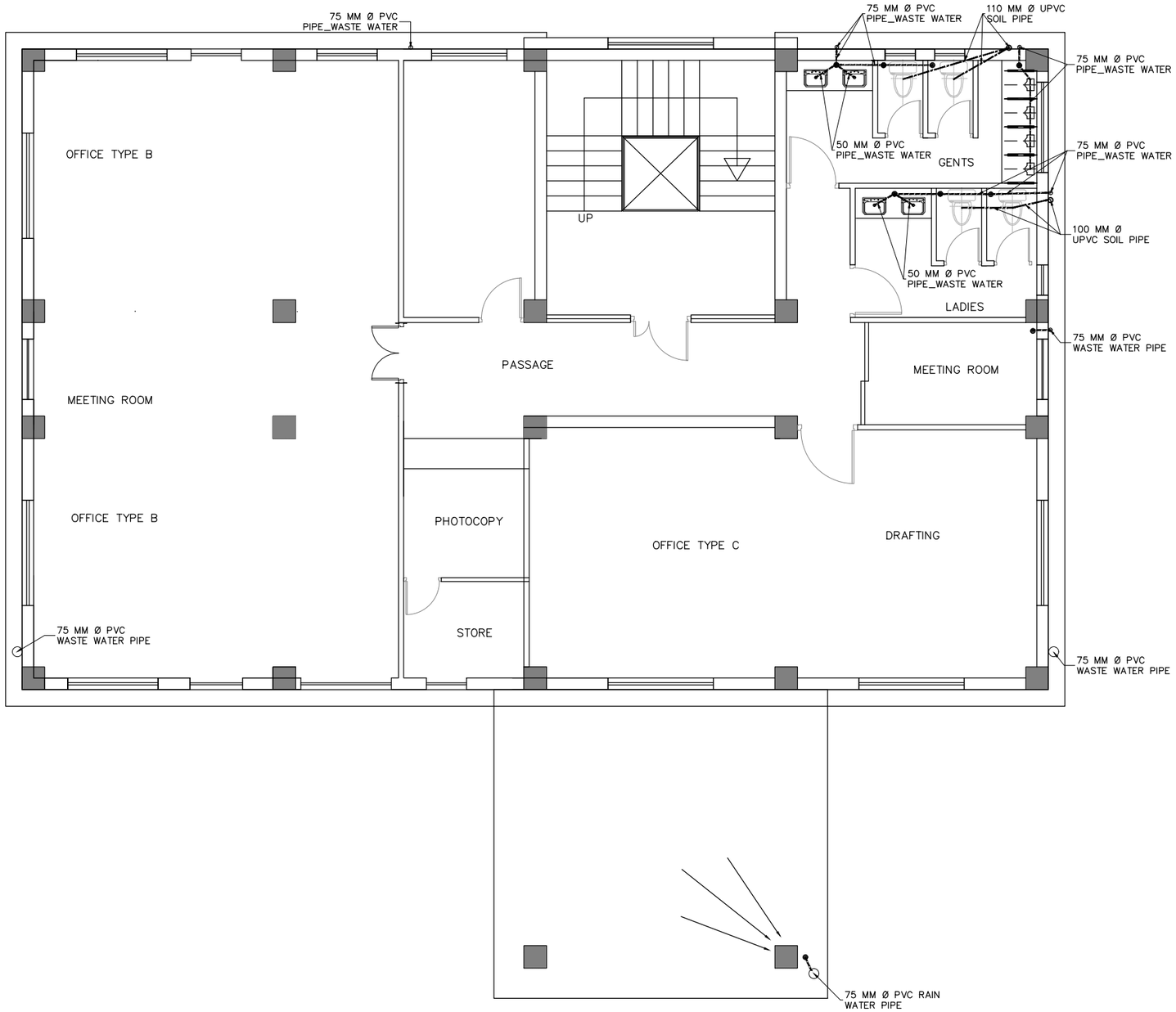
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
SANITARY DRAWINGS
SHEET 1 OF 5
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1668 | REV. –



TYPE H
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

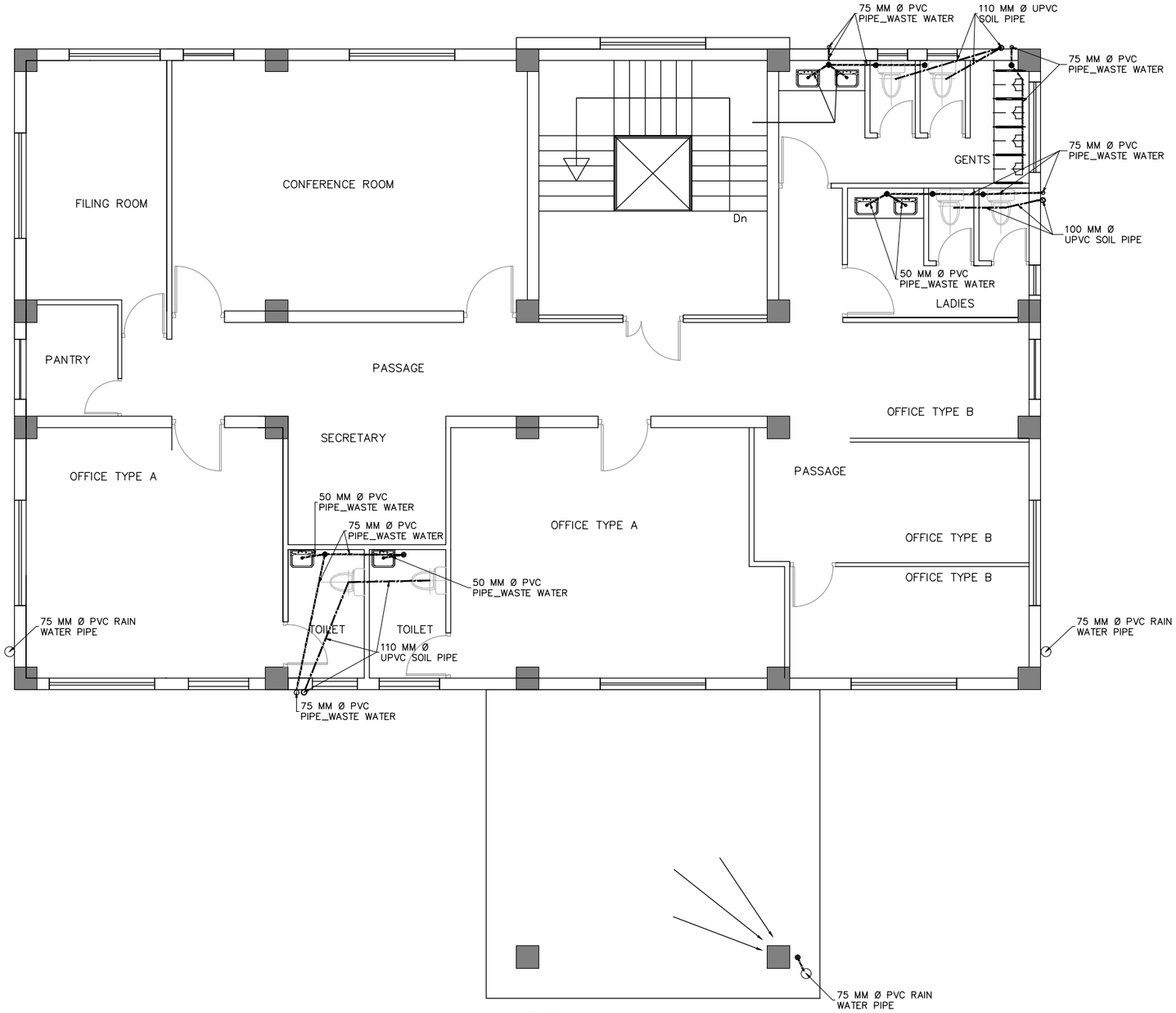
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
SANITARY DRAWINGS
SHEET 2 OF 5
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1668 | REV. | –



TYPE H
SECOND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

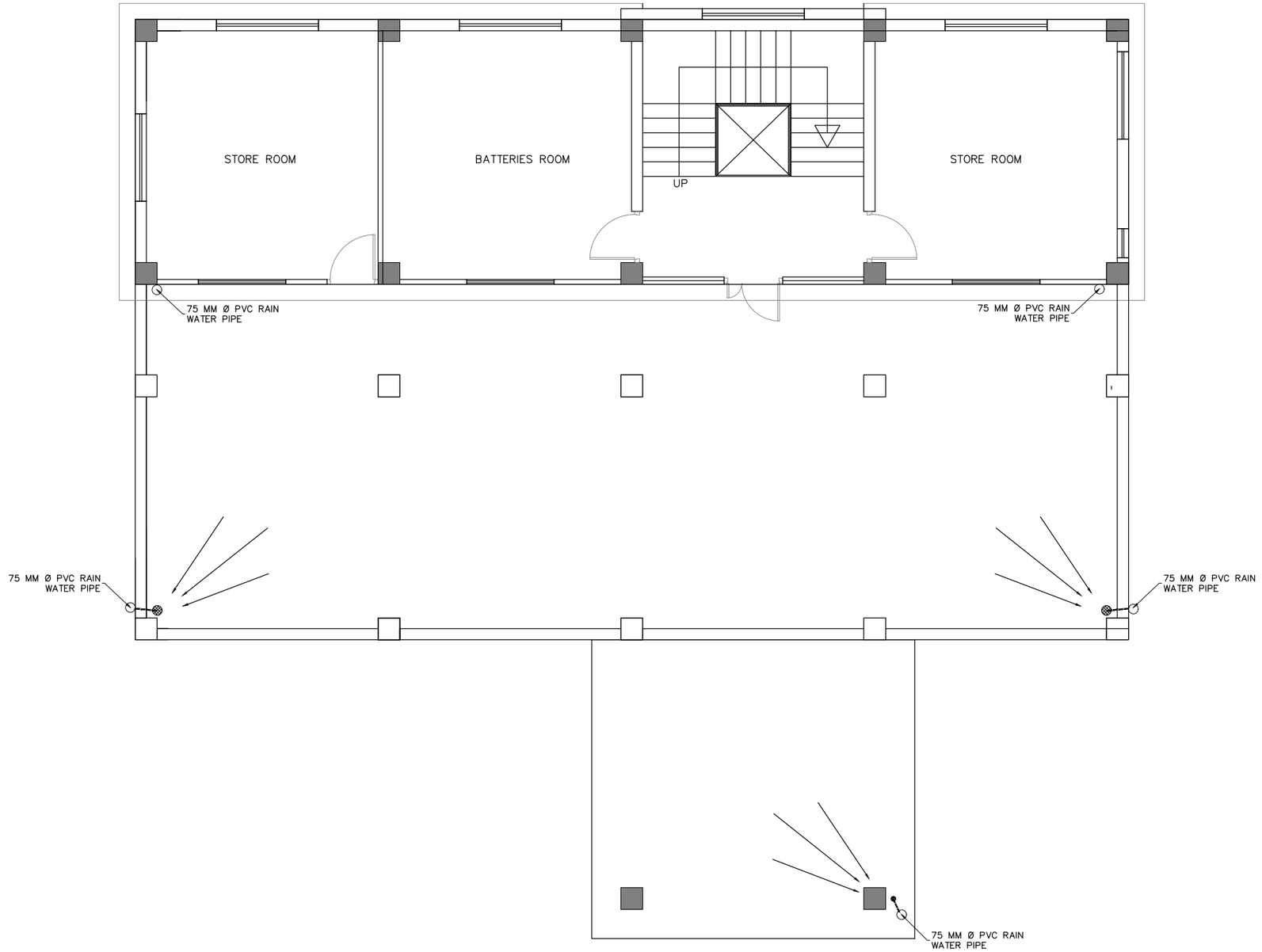
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
SANITARY DRAWINGS
SHEET 3 OF 5
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1668 REV. –



TYPE G
THIRD FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

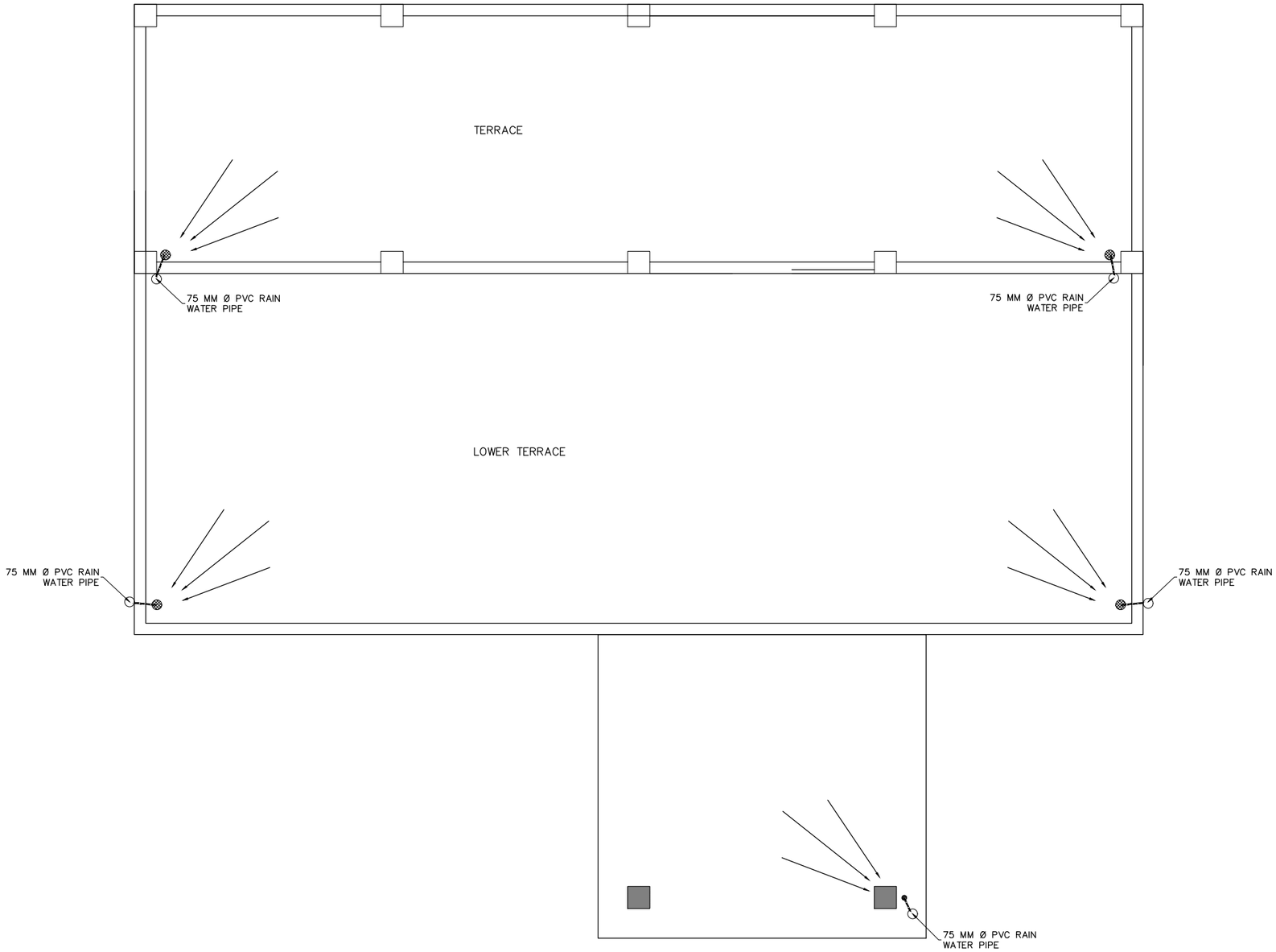
Replaces Drwg. No:

CAD- File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING TYPE H
SANITARY DRAWINGS
SHEET 4 OF 5
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310-Q 1668 REV. —



TYPE H
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

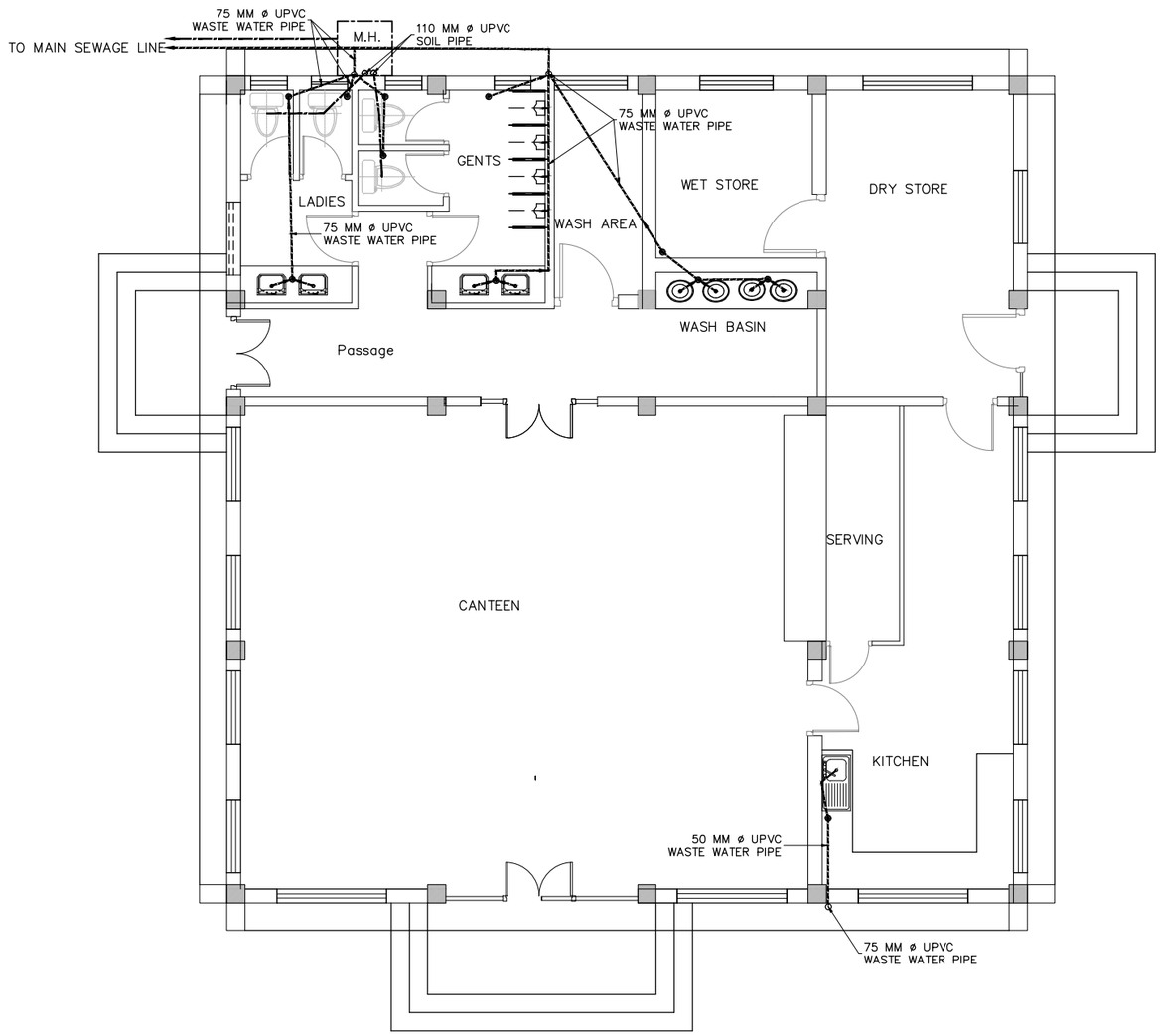
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
SANITARY DRAWINGS
SHEET 5 OF 5
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1668 | REV. | –



TYPE I
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1628	PERMANENT CAMP AND ROADS, TYPE I

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

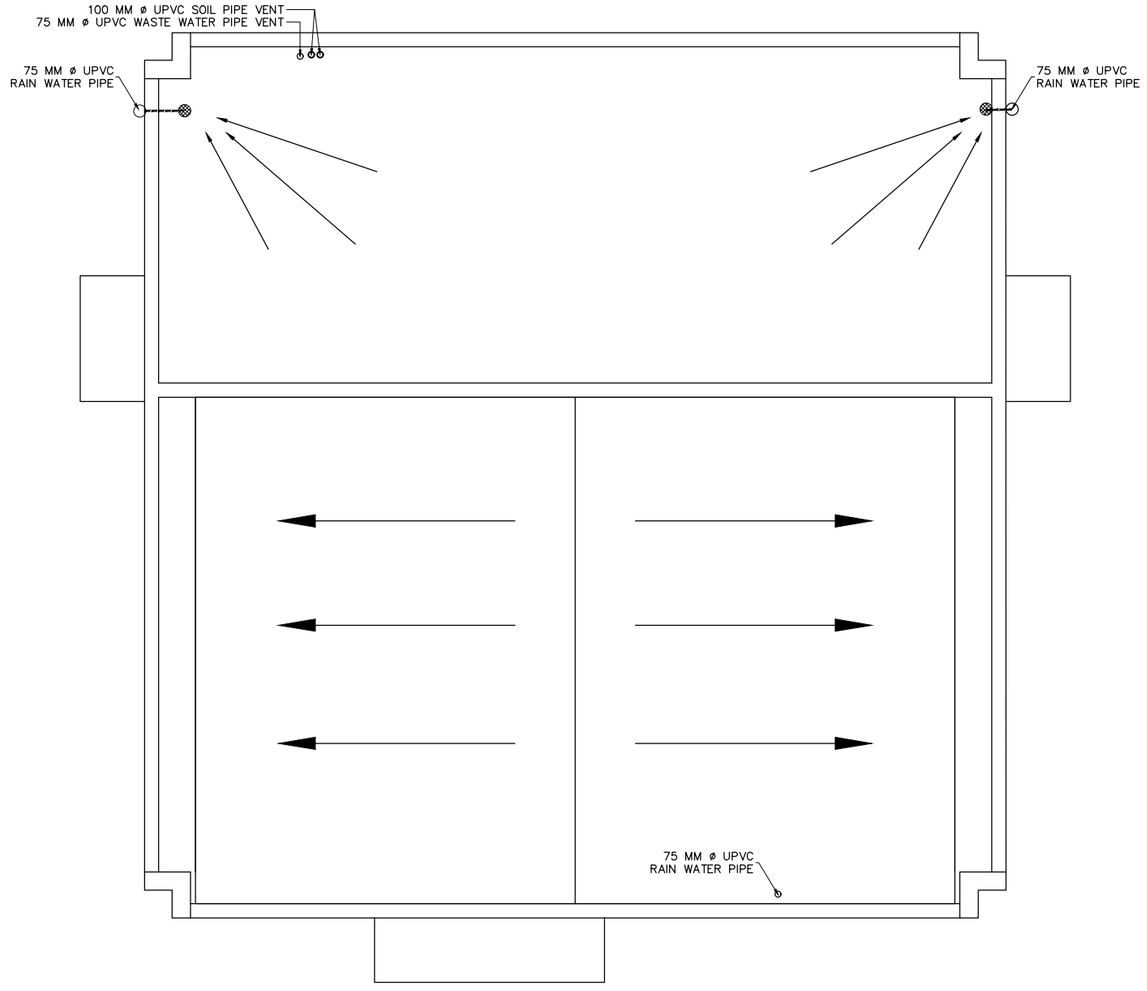
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE I
SANITARY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1669 REV. –



TYPE I
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings	
Drwg. No.	Title
31-00053-DD-5310-Q-1628	PERMANENT CAMP AND ROADS, TYPE I

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

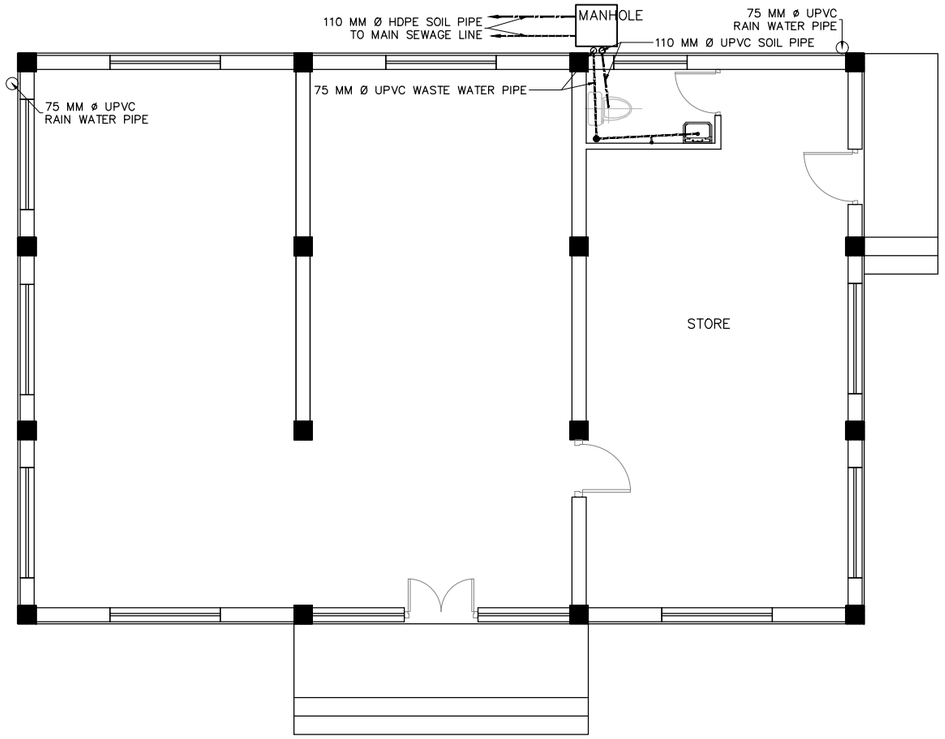
Replaces Drwg. No:

CAD– File No.:

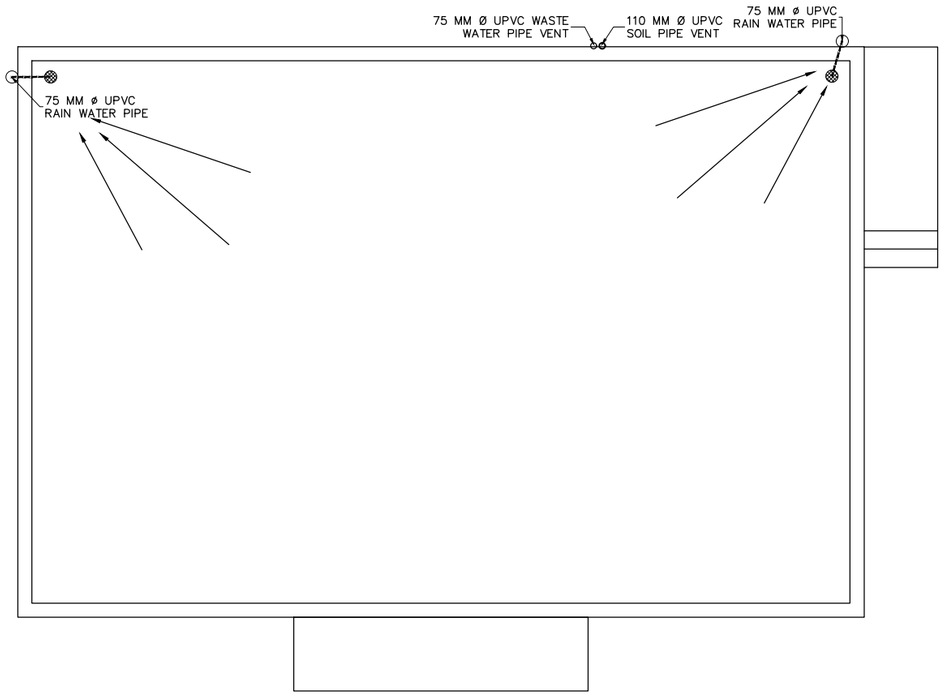
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE I
SANITARY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31-00053-DD-5310-Q 1669 REV. –



TYPE J
GROUND FLOOR PLAN



TYPE J
ROOF FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1629	PERMANENT CAMP AND ROADS, TYPE J

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

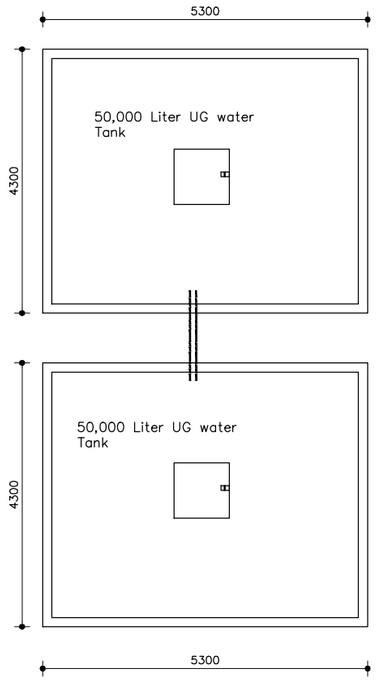
CAD– File No.:

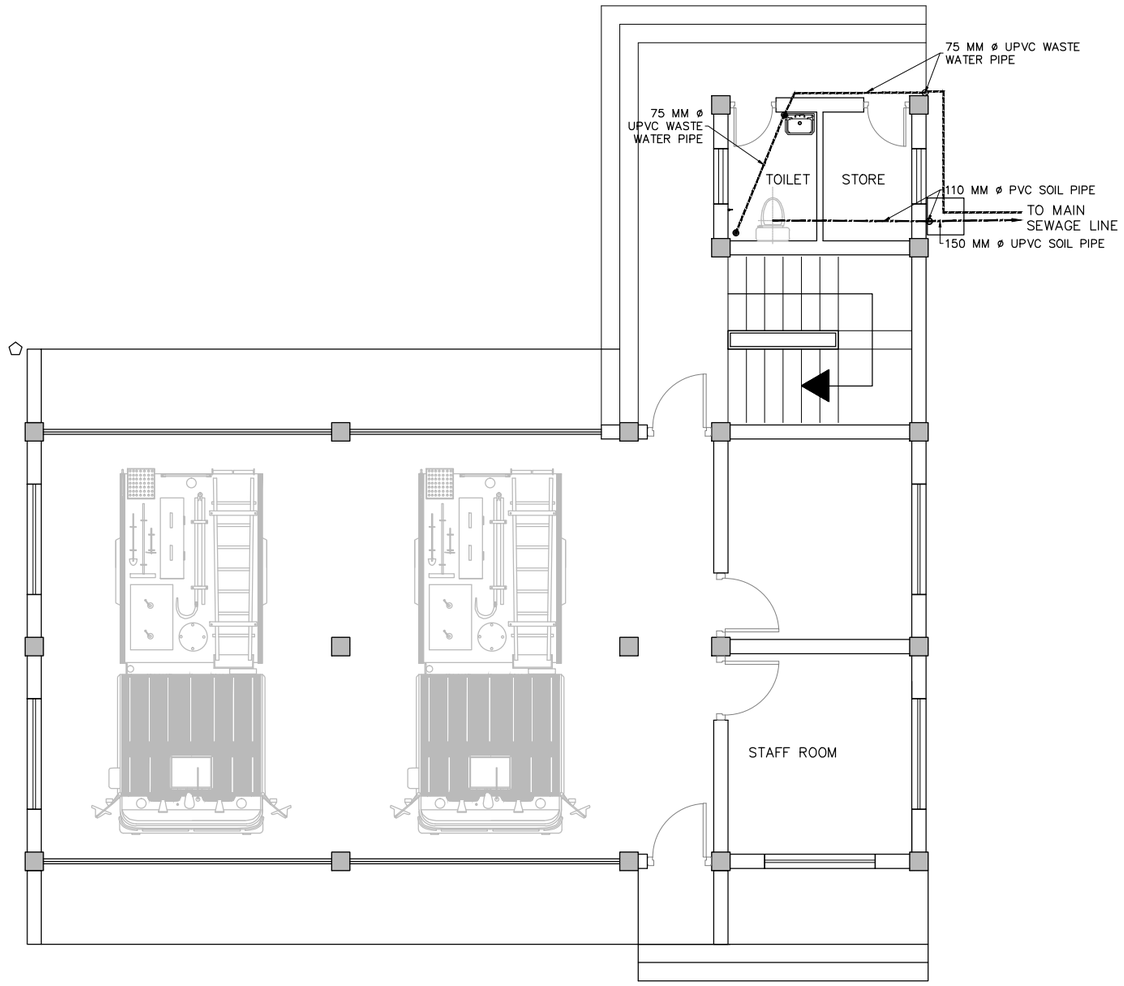
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE J
SANITARY DRAWINGS

PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1670 REV. –





TYPE L
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1631	PERMANENT CAMP AND ROADS, TYPE L

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

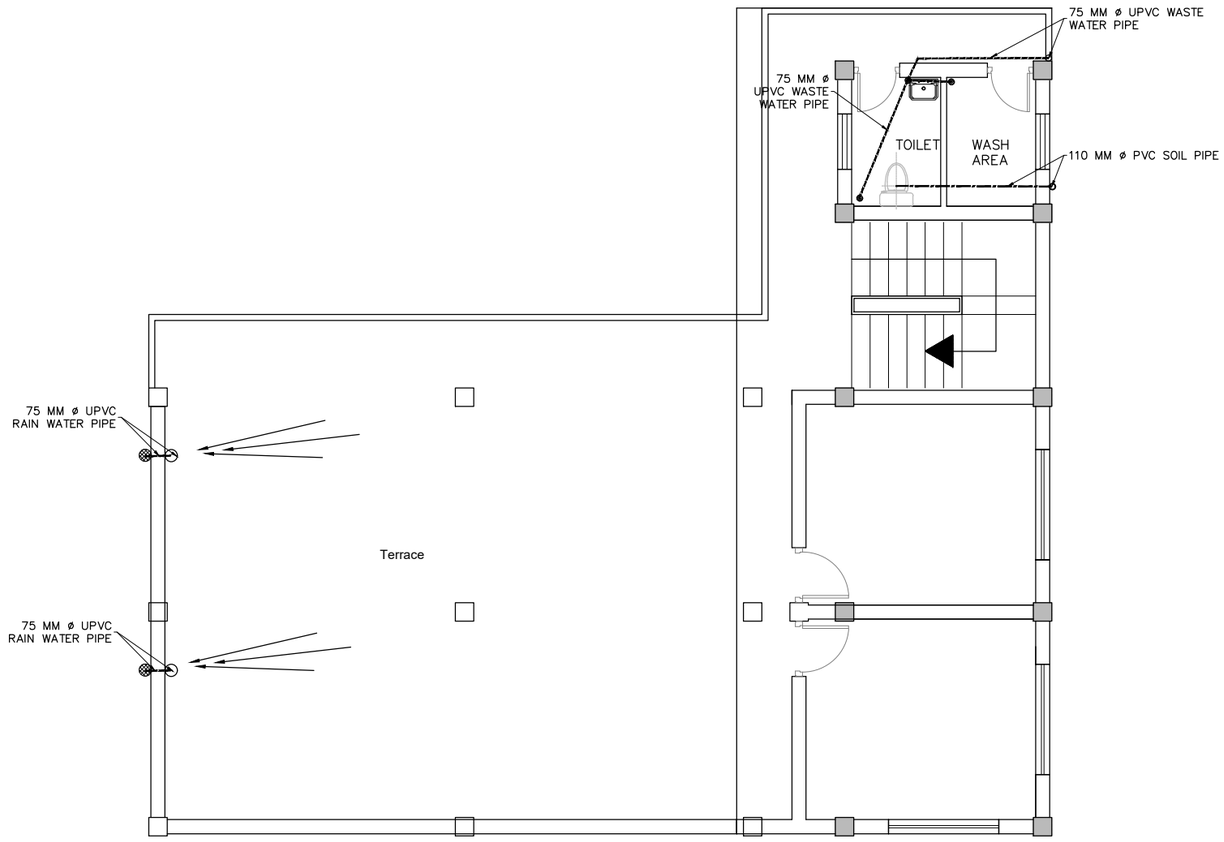
Replaces Drwg. No:

CAD- File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE L
SANITARY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310-Q 1672 REV. —



TYPE L
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1631	PERMANENT CAMP AND ROADS, TYPE L

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

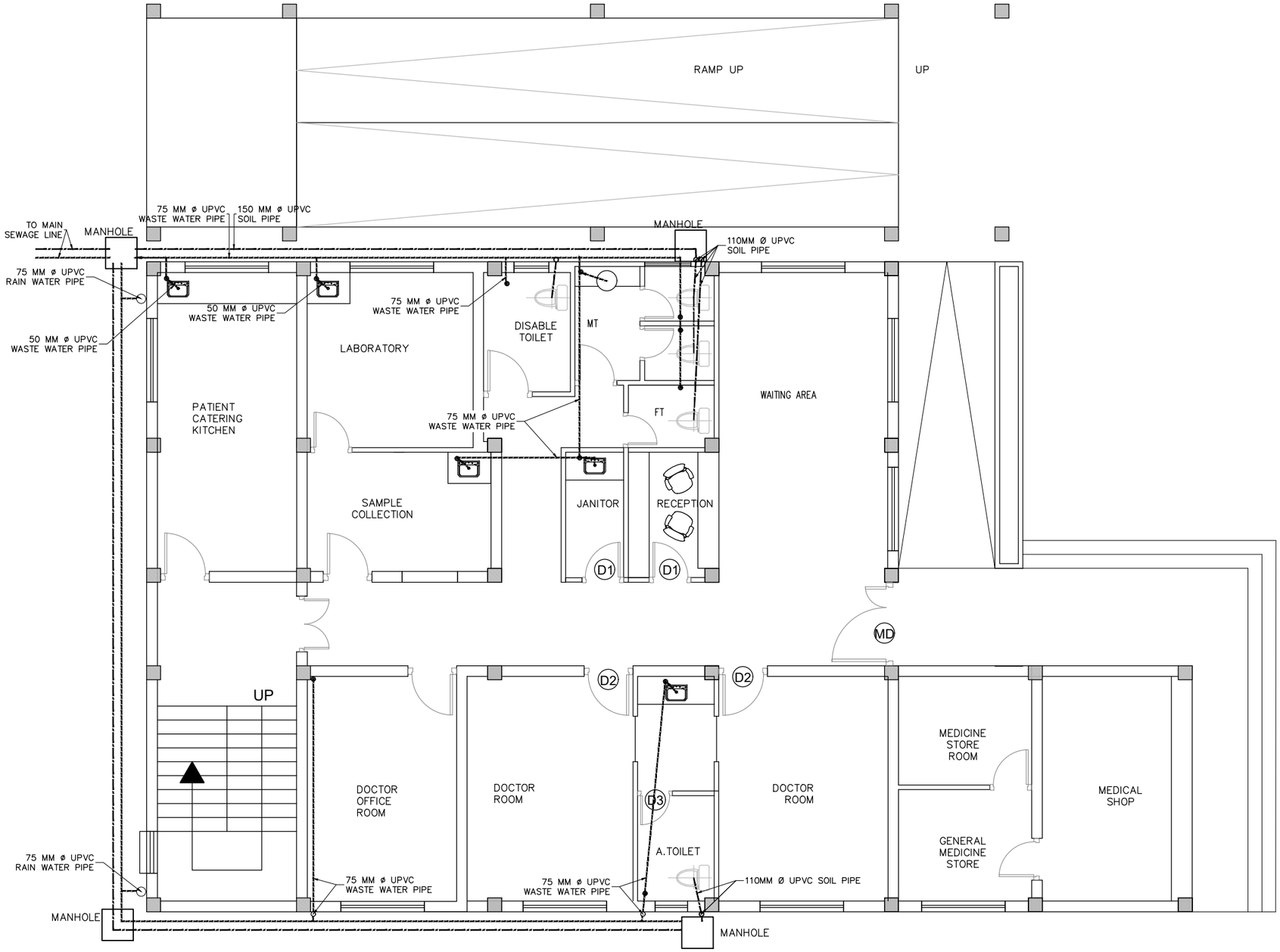
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE L
SANITARY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31-00053-DD-5310-Q 1672 REV. –



TYPE M
GROUND FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1632	PERMANENT CAMP AND ROADS, TYPE M

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

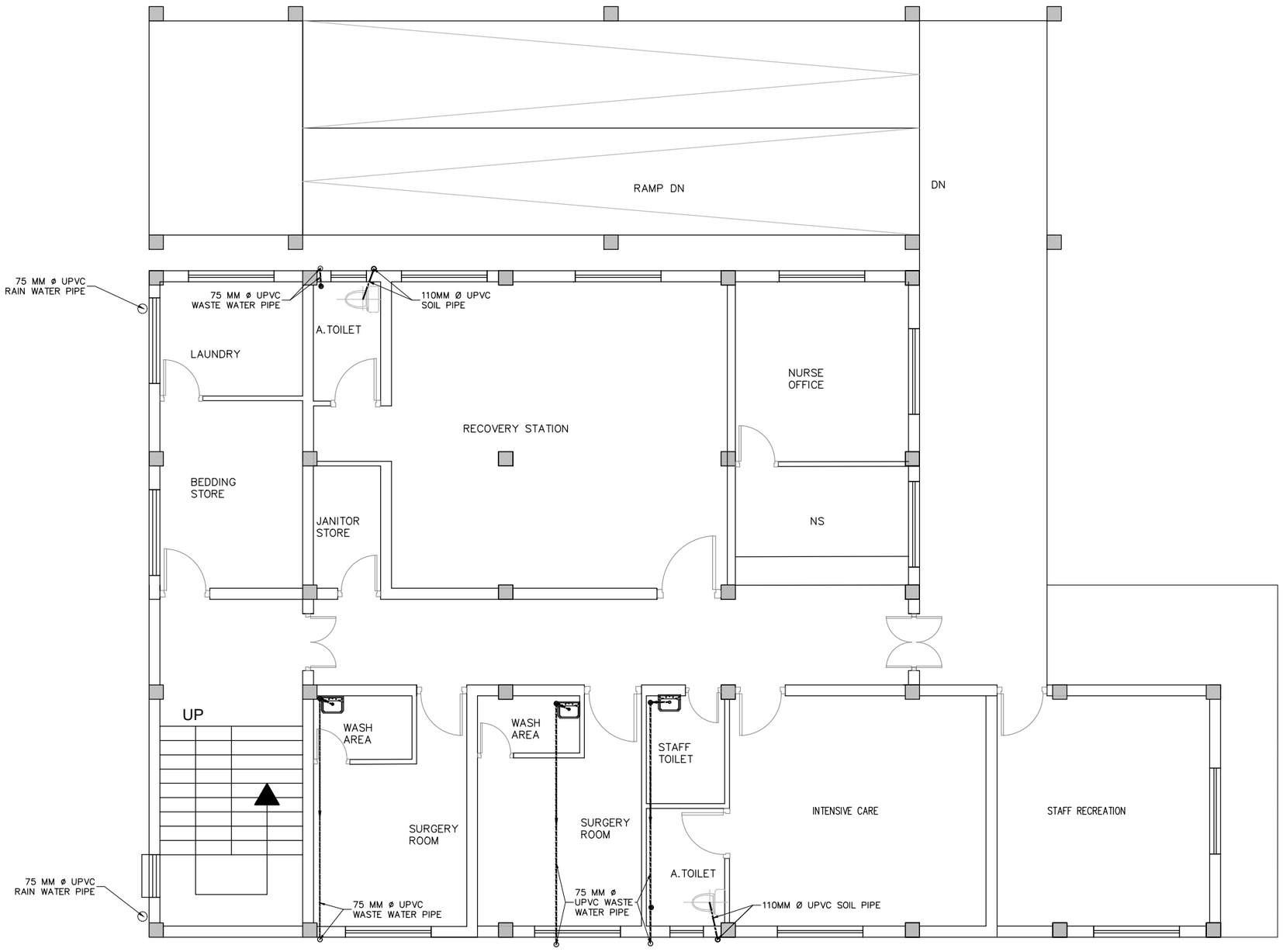
Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
SANITARY DRAWINGS
SHEET 1 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1673 REV. –



TYPE M
FIRST FLOOR PLAN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGENDS:

- WASTE WATER PIPE
- SOIL PIPE
- ø 100 mm FLOOR TRAP
- COMMODE PAN
- WASH BASIN
- KITCHEN SINK
- TAP
- ANGLE VALVE
- GM GLOBE VALVE

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1632	PERMANENT CAMP AND ROADS, TYPE M

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
SANITARY DRAWINGS
SHEET 2 OF 2
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310–Q 1673 REV. –

NOTE:

- LC–N STANDS FOR LIGHTING CIRCUIT, PC–N FOR POWER CIRCUIT, AC–N FOR AIR CONDITION, M/PC–N FOR PUMP/MOTOR & LP–N LIGHT OUTLET CIRCUIT NO.–N (WHERE N=1,2,3...)
- FOR CIRCUIT NO. SEE DISTRIBUTION DETAILS
- UNLESS AND OTHERWISE STATED, ALL FINAL CIRCUITS SHALL BE WIRED UP BY PVC CU CABLE IN PVC CONDUIT AND SHALL CONFIRM TO THE FOLLOWING SCHEDULE:

RATING (AMP)	6	10	16	20	32	40	60
CABLE (SQ. MM)	1.5	2.5	4.0	4.0	6.0	10	16

- UNLESS AND OTHERWISE STATED, MAXIMUM OF 8 LIGHT POINTS SHALL BE WIRED IN A FINAL SINGLE LIGHTING CIRCUIT WHERE AS MAXIMUM OF 3 POWER SOCKET OUTLET SHALL BE WIRED IN SINGLE POWER CIRCUIT
- UNLESS AND OTHERWISE STATED, ALL 16 A OUTLETS WITH THE SAME CIRCUIT NO. SHALL BE WIRED IN RING CIRCUIT
- ALL THE CABLES AND CONDUCTORS SHALL BE PVC INSULATED CU AND SHALL CONFIRM TO THE FOLLOWING COLOR CODES:

LIVE OF AC SINGLE PHASE CIRCUIT	WHITE
GROUNDING/ BOUNDING/EARTHING	GREEN
NEUTRAL OF AC 1 PHASE	BLACK
COMMON (LOOP) FOR TWO WAY SWITCH	YELLOW

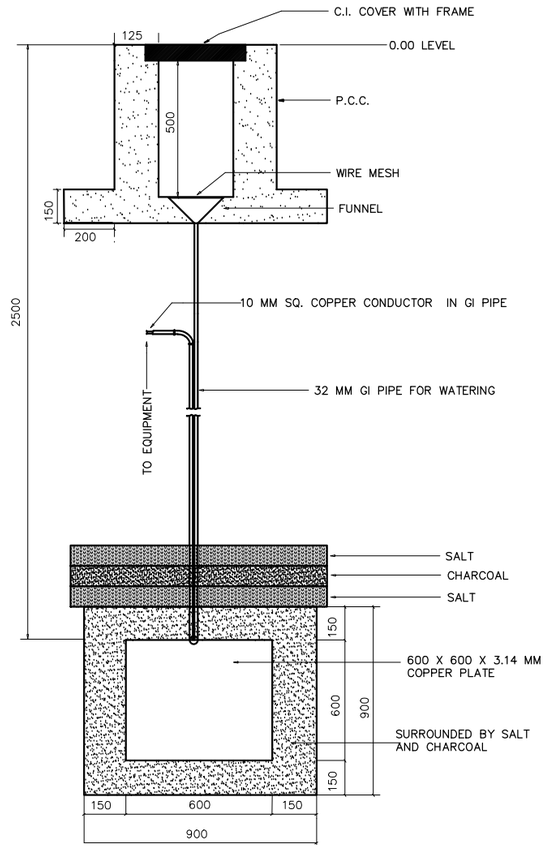
- ELECTRICAL DRAWINGS ARE SCHEMATICAL ONLY, SCALE: NTS, USE AS SHOWN PURPOSE, DO NOT MEASURE DIRECTLY.
- CONTRACTOR SHOULD COORDINATE WITH INTERIOR FOR EXACT LOCATION OF FIXTURES
- RUN SEPARATE CONDUIT FOR TV, TEL AND PS WHEREVER THEY ARE IN MATCHING PLACES
- ALL RECEPTACLES LOCATED AT OUTDOOR SHALL BE MOUNT ON 1.4 M FFL

NOTE: Ⓜ THIS SYMBOL SHOWS THE MID PORTION OF THE AREA OR DISTANCE

LEGEND:

SYMBOL	DESCRIPTION	MOUNTING
	CHANDELIER LIGHT FIXTURE	CEILING
	PICTURE / MIRROR LIGHT FIXTURE	ABOVE MIRROR
	PENDENT LIGHT FIXTURE	CEILING
	WALL LIGHT FIXTURE	2.1 MTR FROM FFL
	200 MM CEILING DOME LIGHT	CEILING
	5–7 WATT LED DOWN LIGHT	CEILING / RECESSED
	WALL RECESSED FOOT LIGHT	450 MM FROM FFL
	250 MM AUTO LOUVER EXHAUST FAN	VENTILATION
	... no OF 1 WAY GANG SWITCH	1.35 M FROM FFL
	2 WAY ... no OF 1 WAY SWITCH	1.35 M FROM FFL
	DISTRIBUTION BOARD	2.1 MTR FROM FFL
AC	AIRCON SOCKET	2.5 MTR FROM FFL
	16 A COMBINED PIN SWITCHED SOCKET	0.30 MTR FROM FFL
	6 A UNIVERSAL PIN SWITCHED SOCKET	1.35 / 0.30 FROM FFL
	RJ–45 NET / TELEPHONE SOCKET	0.30 MTR FROM FFL
	RG–6 COAXIAL TV SOCKET	0.30 MTR FROM FFL
	FEEDER DISTRIBUTION LINE	
	POWER DISTRIBUTION LINE	

MOUNTING HEIGHT OF EQUIPMENTS / FIXTURES BASED ON GENERAL CODE OF PRACTICE, HOWEVER ELECTRICAL CONTRACTOR SHOULD COORDINATE WITH A/E AND FOLLOW THE INSTRUCTION OF INTERIOR AND FURNITURE.



COPPER PLATE EARTHING DETAILS

NOT TO SCALE

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.
2. CONNECTION BETWEEN COPPER PLATE AND COPPER WIRE MUST BE WELDING

Reference Drawings

Drwg. No.	Title

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL — CONSULTING ENGINEERS BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	05.09.18
Drawn	A. K. Basu	05.09.18
Checked	Roloff	05.09.18
Approved	Dr. Moeller	05.09.18

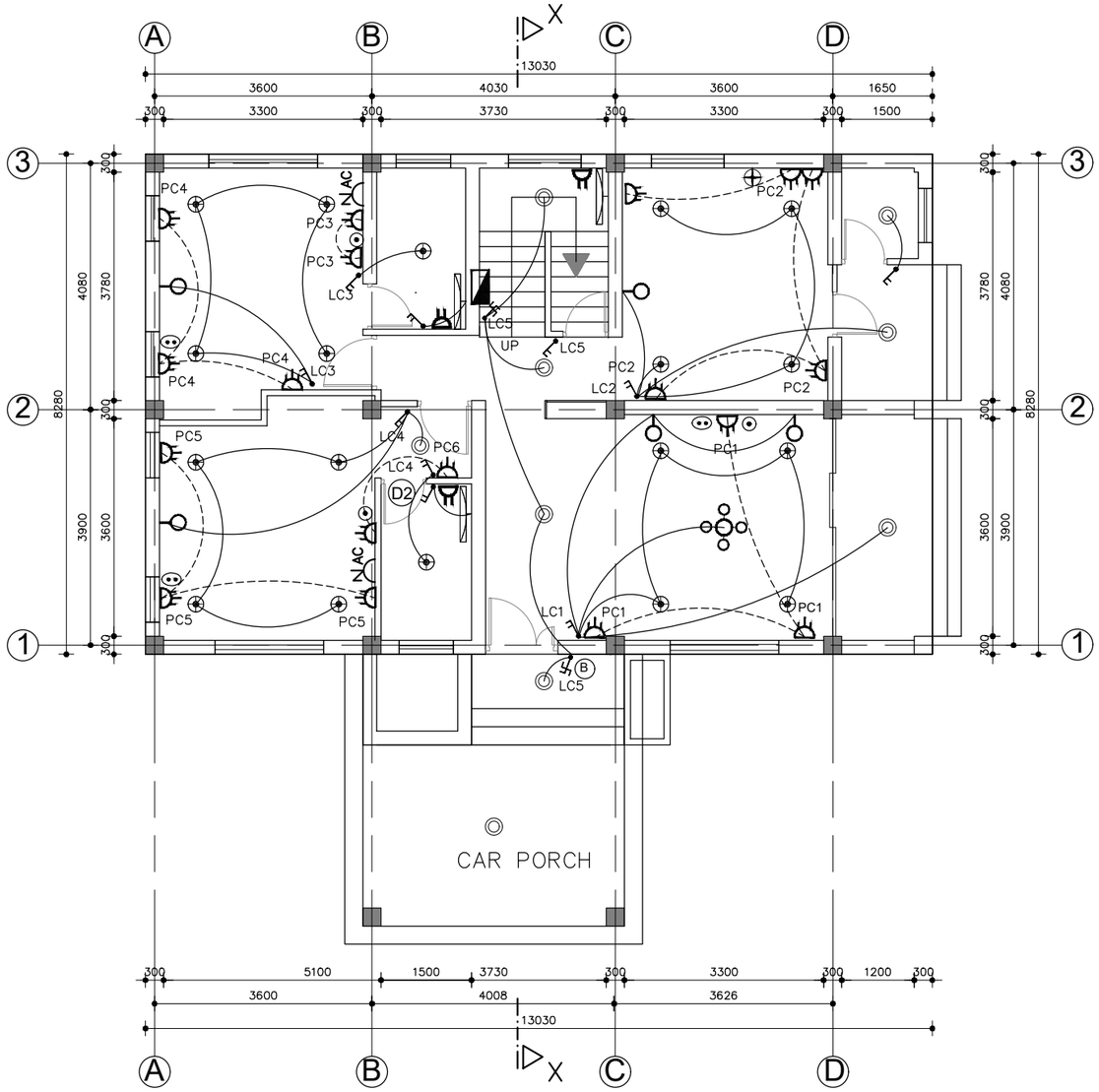
Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ELECTRICAL DRAWING
LEGENDS AND
EARTHING DETAILS
PROJECT DRAWING

Scale A3: NOT IN SCALE

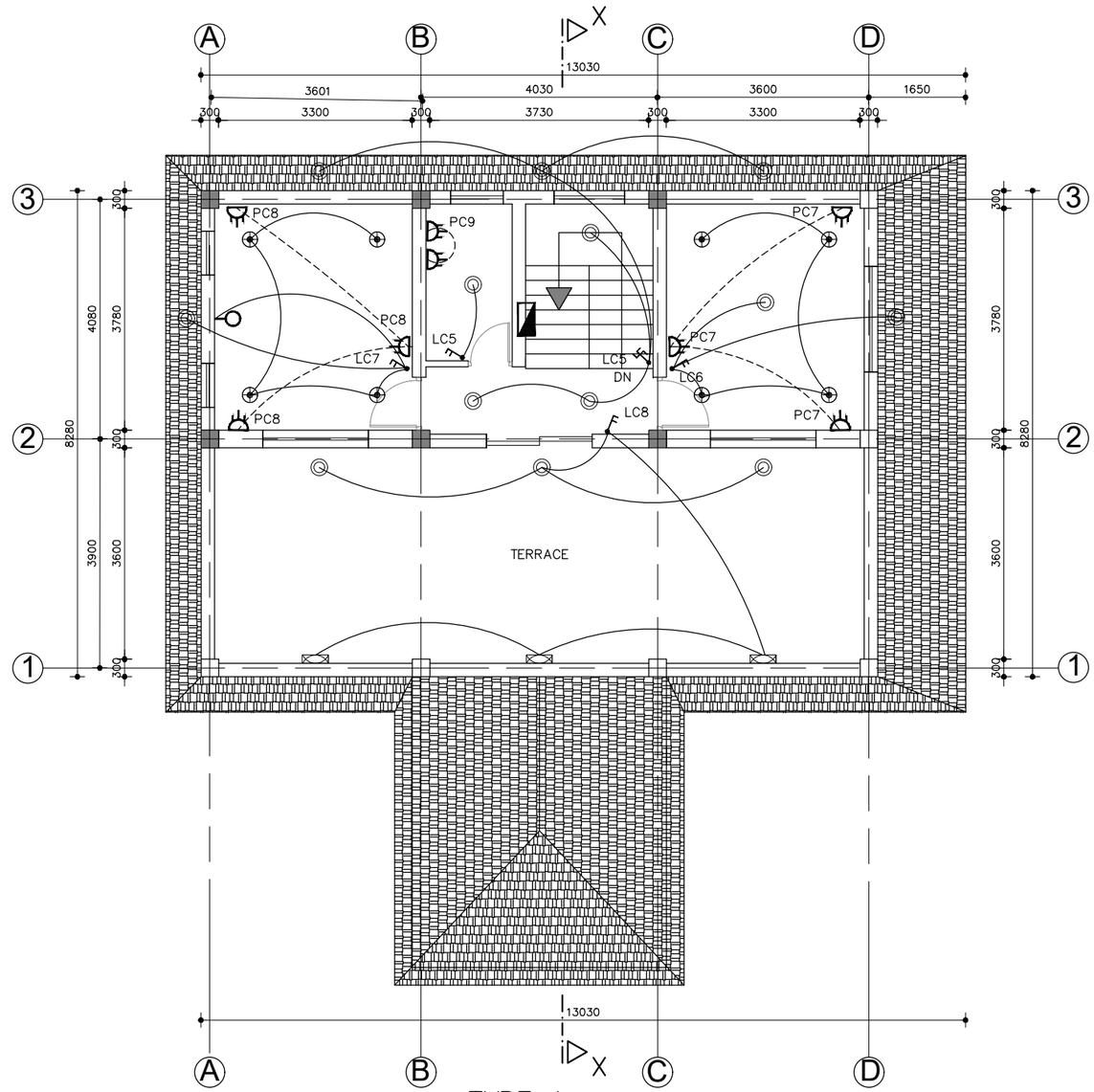
Drwg. No.: 31–00053–DD–5310– Q 1680 REV. A



TYPE A

GROUND FLOOR PLAN

AREA: 107.8 m2



TYPE A

FIRST FLOOR PLAN

AREA: 50.50 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE
POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1620	PERMANENT CAMP AND ROADS, TYPE A
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE A

ELECTRICAL DRAWING

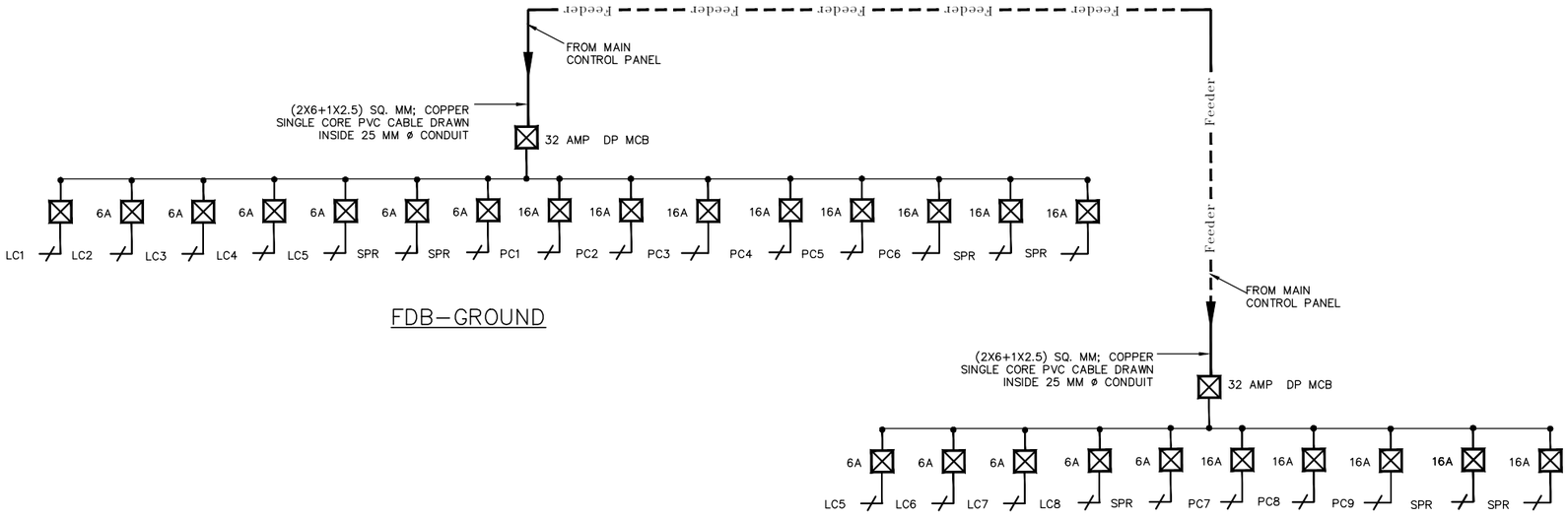
SHEET 1 OF 2

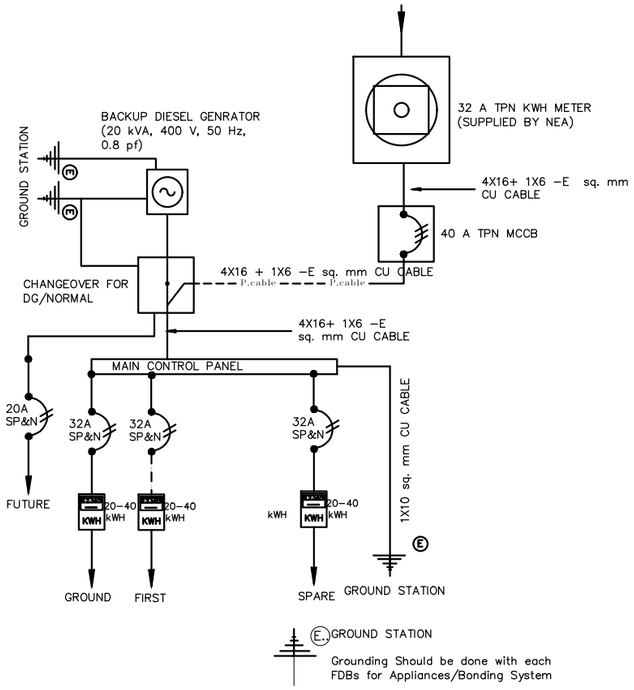
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1681 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.





Reference Drawings	
Drwg. No.	Title
31–00053–DD–5310–Q–1620	PERMANENT CAMP AND ROADS, TYPE A
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	05.09.18
Drawn	A. K. Basu	05.09.18
Checked	Roloff	05.09.18
Approved	Dr. Moeller	05.09.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: NOT IN SCALE

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE A
DISTRIBUTION NETWORKS
SHEET 2 OF 2
PROJECT DRAWING

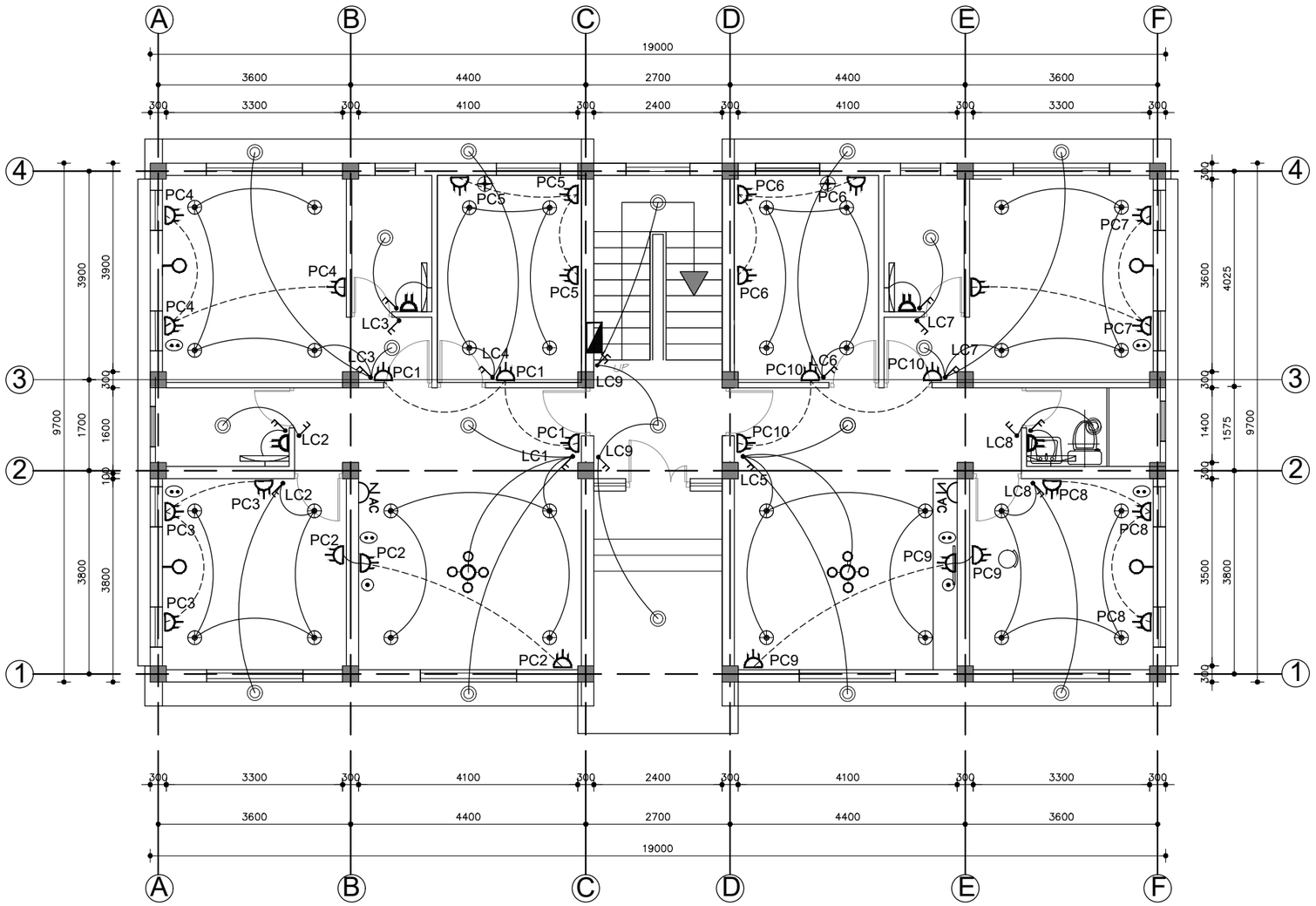
Drwg. No.: 31–00053–DD–5310– Q 1681 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE
POWER CIRCUIT WIRE



TYPE B
GROUND FLOOR PLAN

AREA: 184.30 m2

SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1621	PERMANENT CAMP AND ROADS, TYPE B
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE B
GROUND FLOOR ELECTRICAL PLAN
SHEET 1 OF 5
PROJECT DRAWING

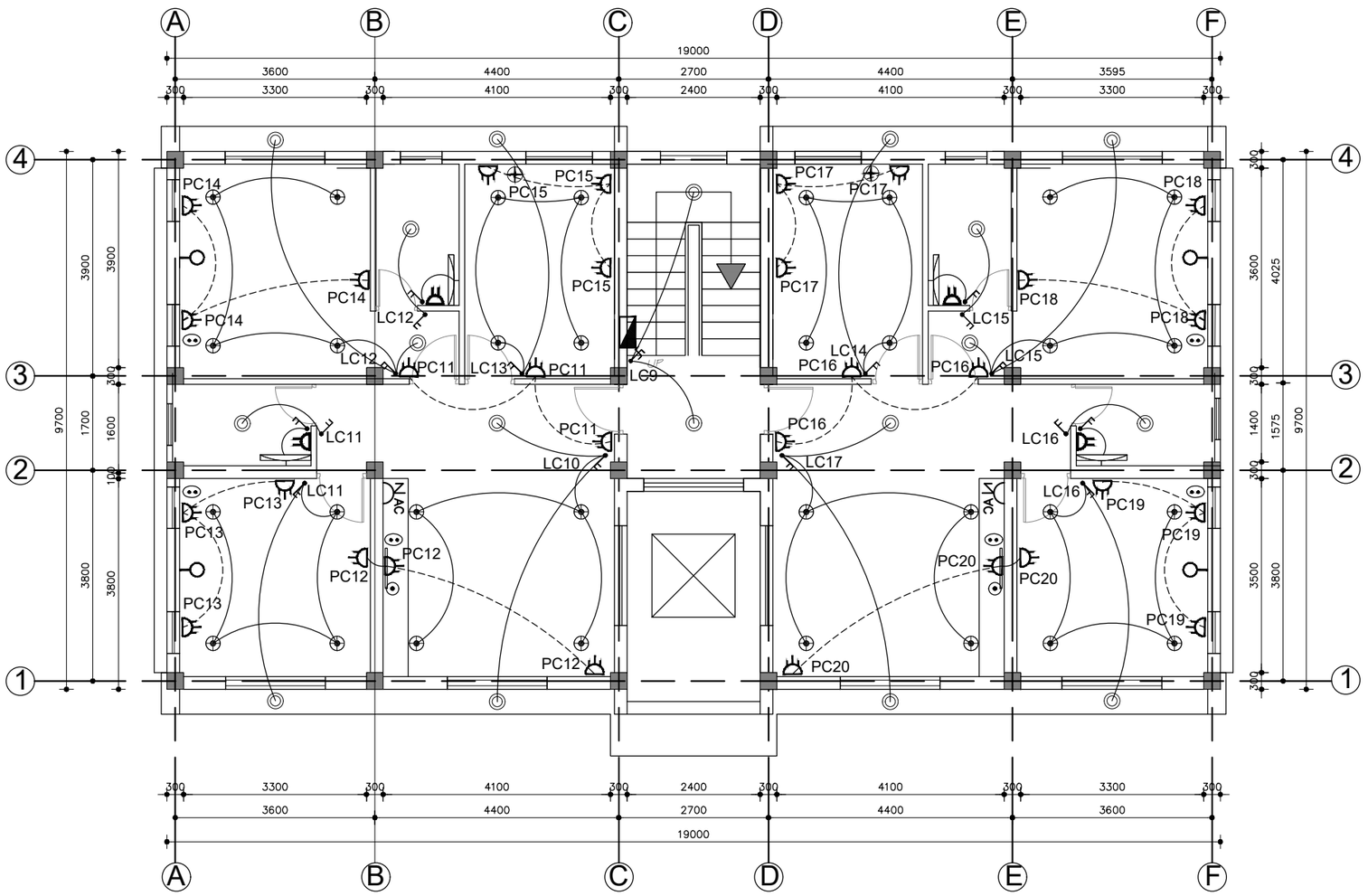
Drwg. No.: 31−00053−DD−5310− Q 1682 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE
POWER CIRCUIT WIRE



TYPE B
FIRST FLOOR PLAN

AREA: 184.30 m2

SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1621	PERMANENT CAMP AND ROADS , TYPE B
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS , LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE B
FIRST FLOOR ELECTRICAL PLAN
SHEET 2 OF 5
PROJECT DRAWING

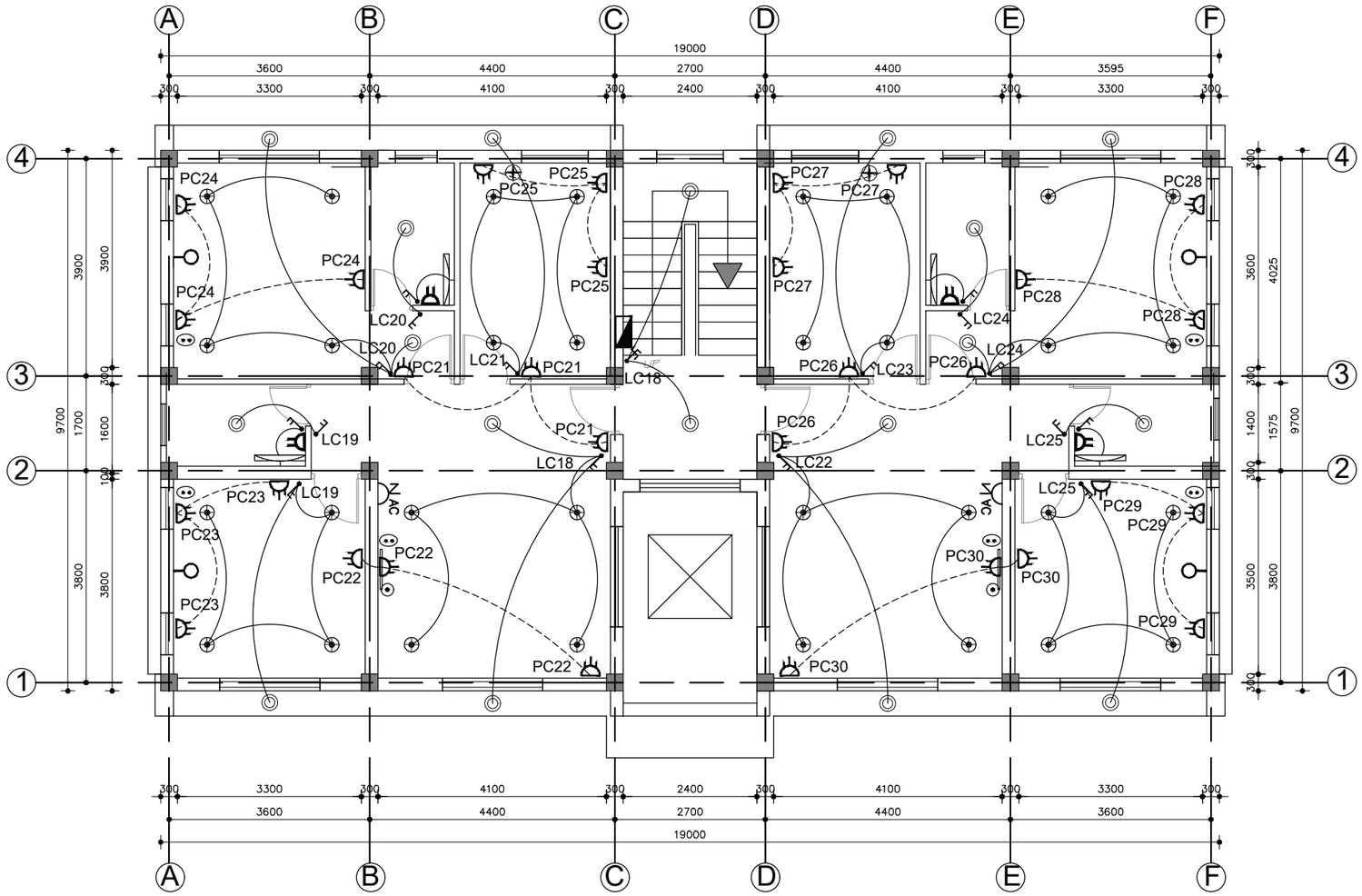
Drwg. No.: 31−00053−DD−5310− Q 1682 | REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE
POWER CIRCUIT WIRE



TYPE B

SECOND FLOOR PLAN

AREA: 184.30 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1621	PERMANENT CAMP AND ROADS , TYPE B
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING TYPE B
SECOND FLOOR ELECTRICAL PLAN
SHEET 3 OF 5
PROJECT DRAWING

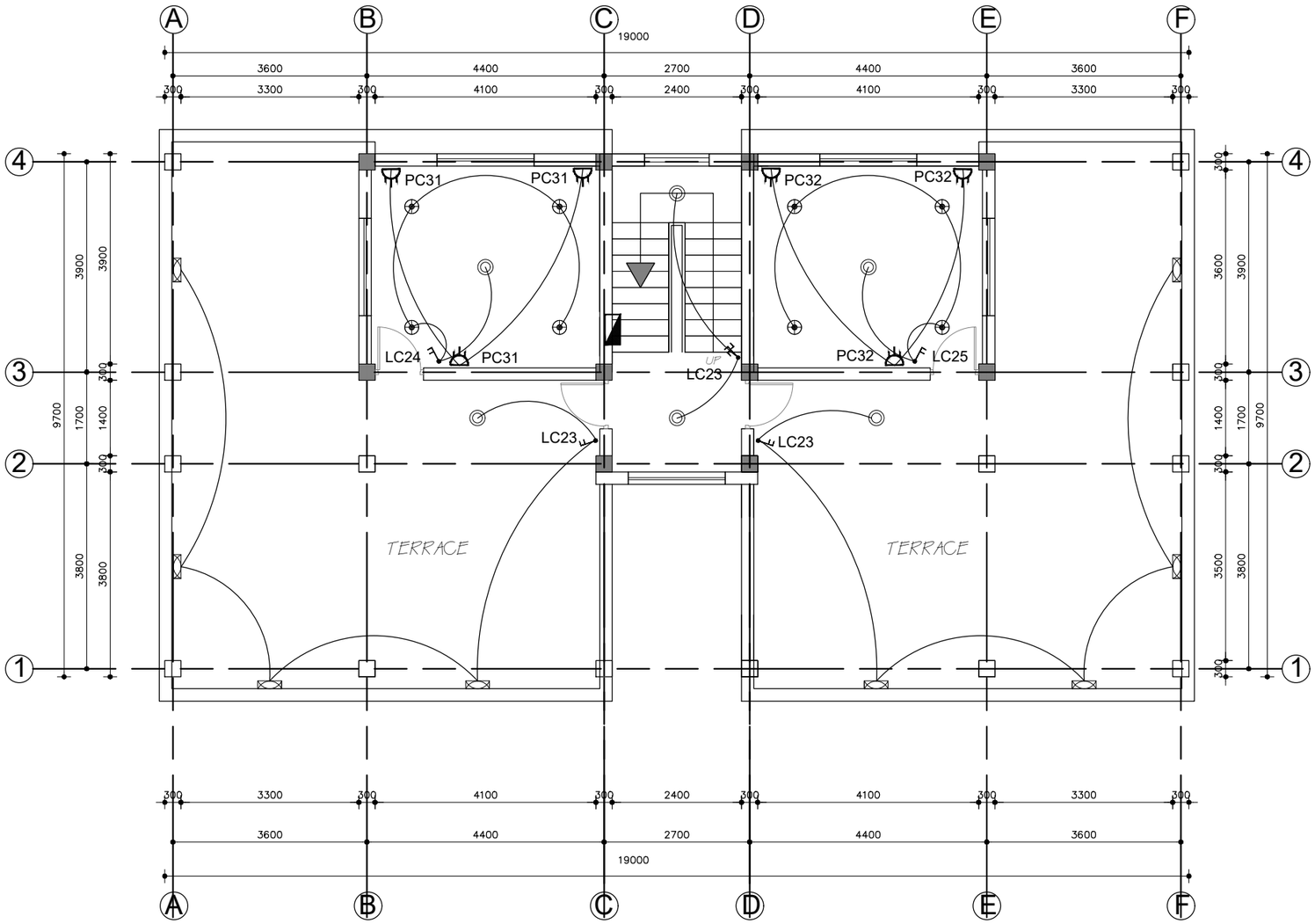
Drwg. No.: 31−00053−DD−5310− Q 1682 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE
POWER CIRCUIT WIRE



TYPE B
THIRD FLOOR PLAN
AREA: 70.3 m2

SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5321−Q−1621	PERMANENT CAMP AND ROADS , TYPE B
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

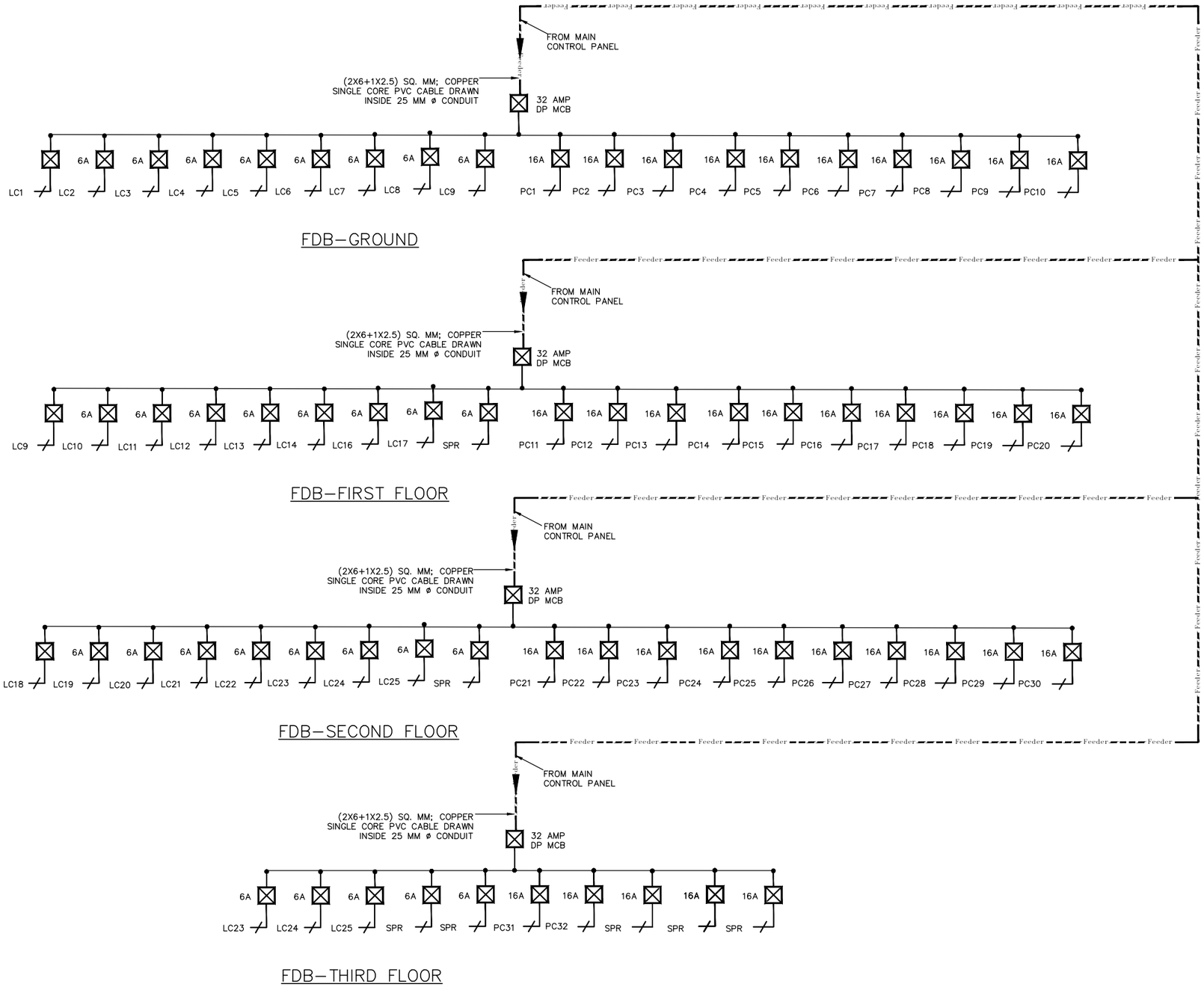
Replaces Drwg. No:

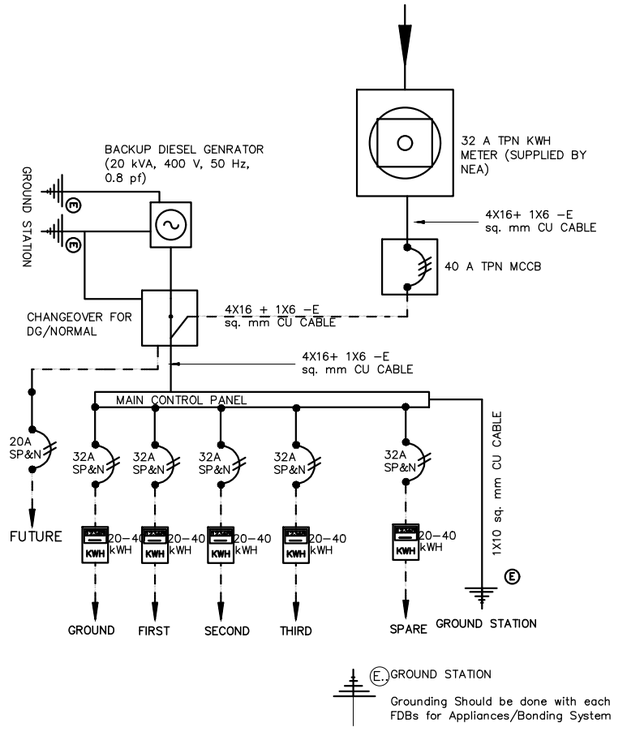
CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE B
THIRD FLOOR ELECTRICAL PLAN
SHEET 4 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5321− Q 1682 REV. A





NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

SCALE 1:200
−2000(mm) 0 2 4 6 8 10 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1621	PERMANENT CAMP AND ROADS , TYPE B
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:200

DETAILED DESIGN

PERMANENT CAMP AND ROADS

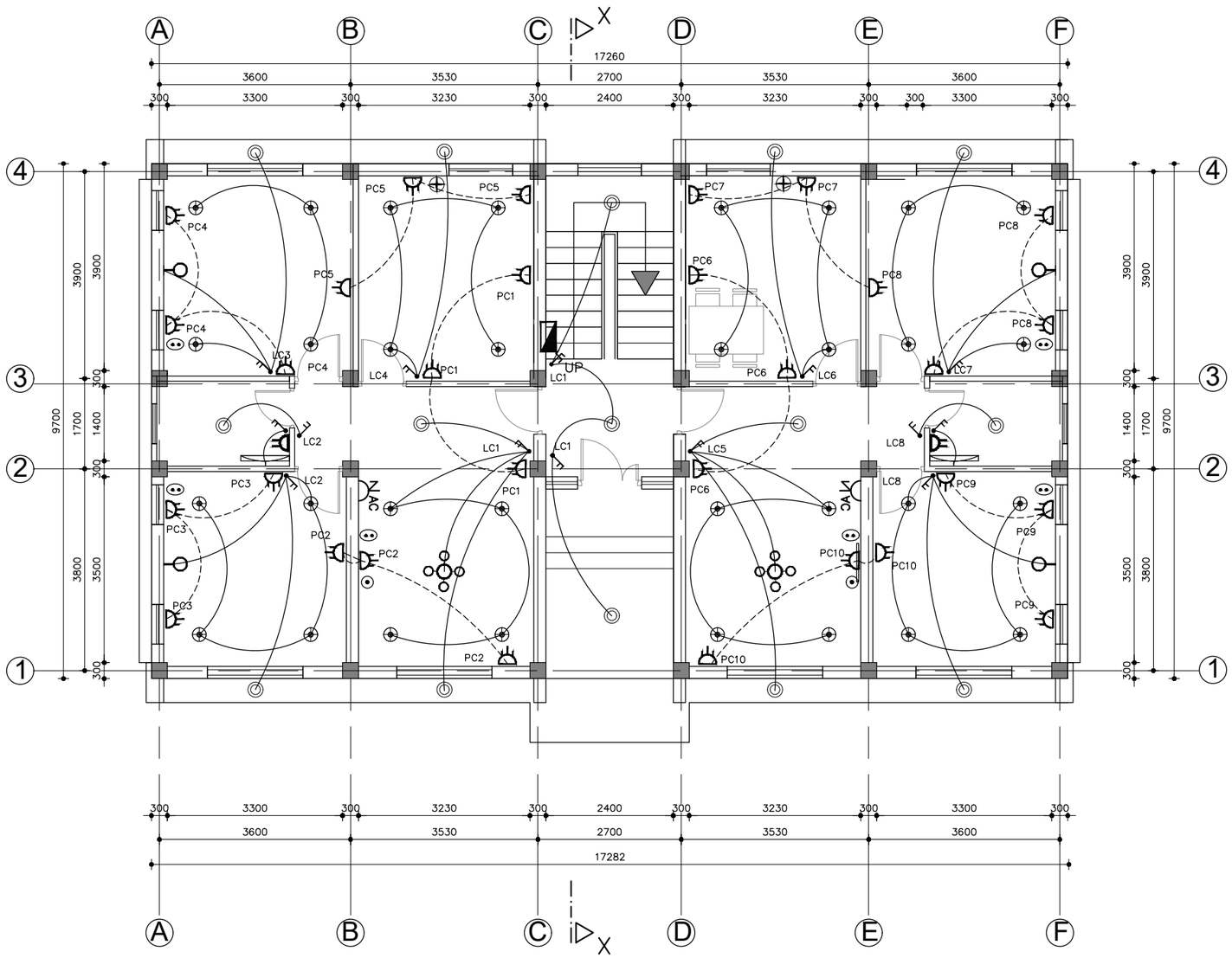
ACCOMMODATION BUILDING TYPE B

DISTRIBUTION NETWORKS

SHEET 5 OF 5

PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1682 REV. A



TYPE C

GROUND FLOOR PLAN

AREA: 167.42 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1622	PERMANENT CAMP AND ROADS, TYPE C
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

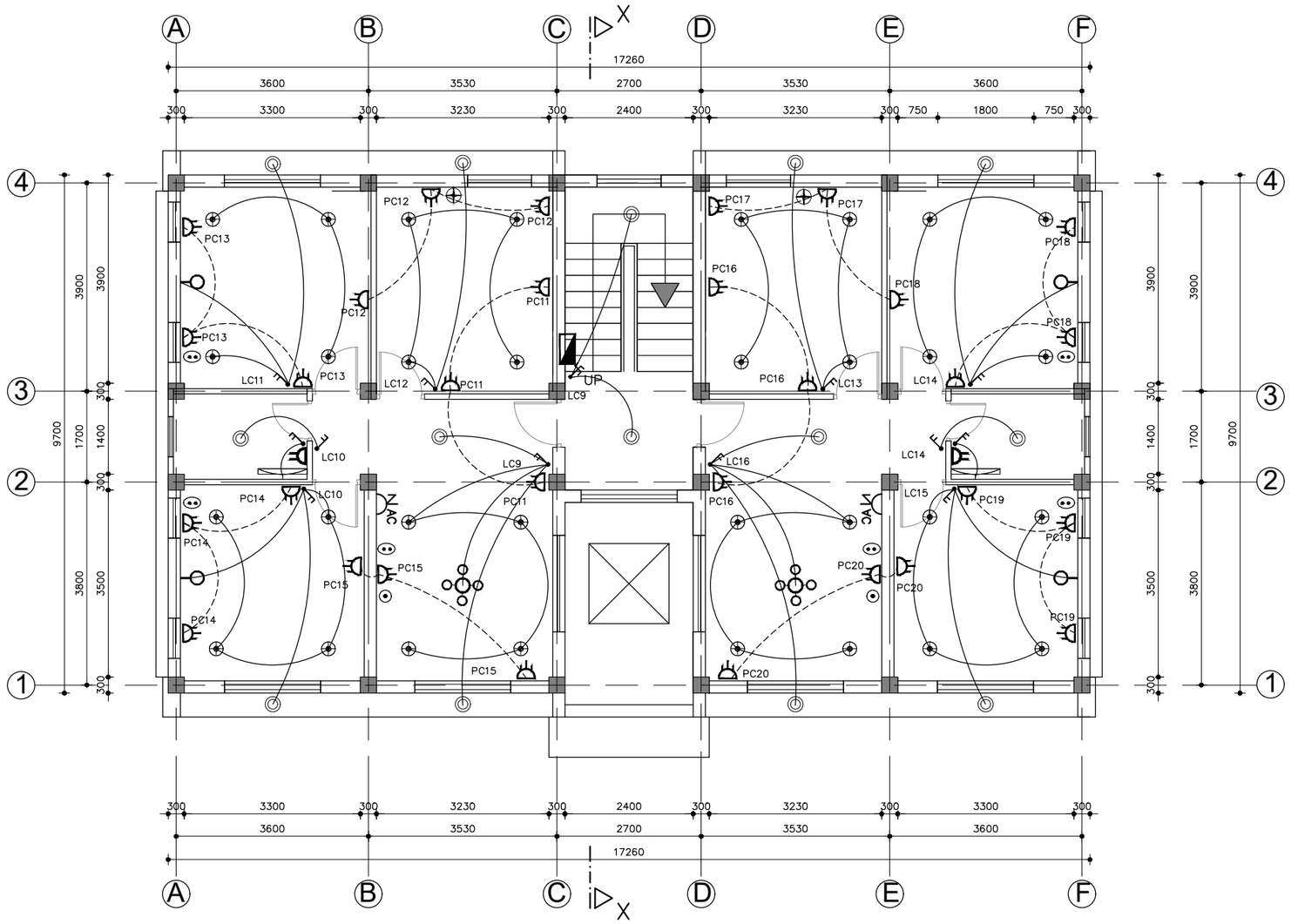
ACCOMMODATION BUILDING TYPE C

GROUND FLOOR ELECTRICAL PLAN

SHEET 1 OF 5

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1683 REV. A



TYPE C

FIRST FLOOR PLAN

AREA: 167.42 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1622	PERMANENT CAMP AND ROADS, TYPE C
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL — CONSULTING ENGINEERS BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE C

FIRST FLOOR ELECTRICAL PLAN

SHEET 2 OF 5

PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31−00053−DD−5310− Q 1683 | REV. | A

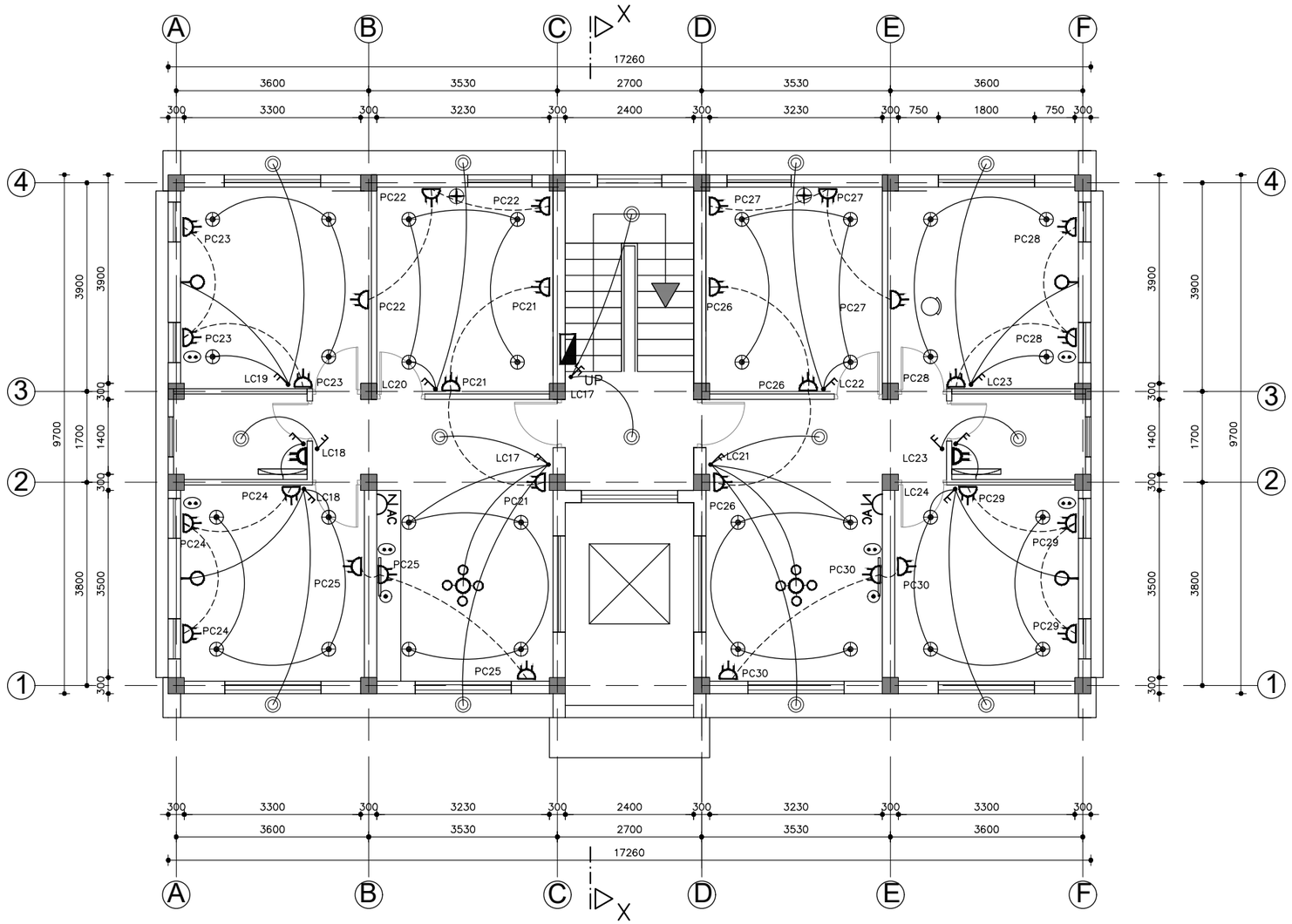
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE C

SECOND FLOOR PLAN

AREA: 167.42 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1622	PERMANENT CAMP AND ROADS, TYPE C
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE C

SECOND FLOOR ELECTRICAL PLAN

SHEET 3 OF 5

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1683 REV. A

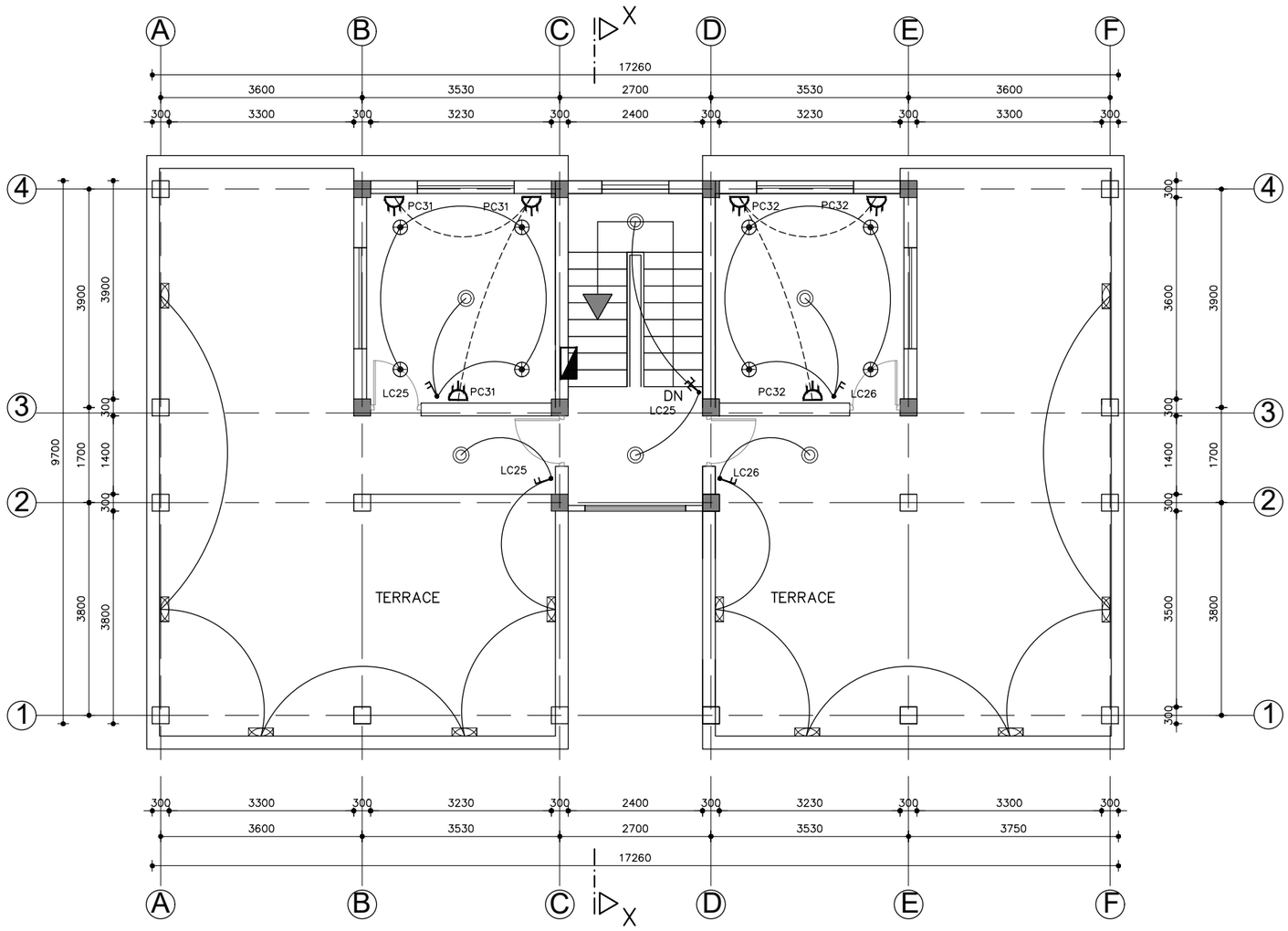
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE C

THIRD FLOOR PLAN

AREA: 59.35 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5321−Q−1622	PERMANENT CAMP AND ROADS, TYPE C
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

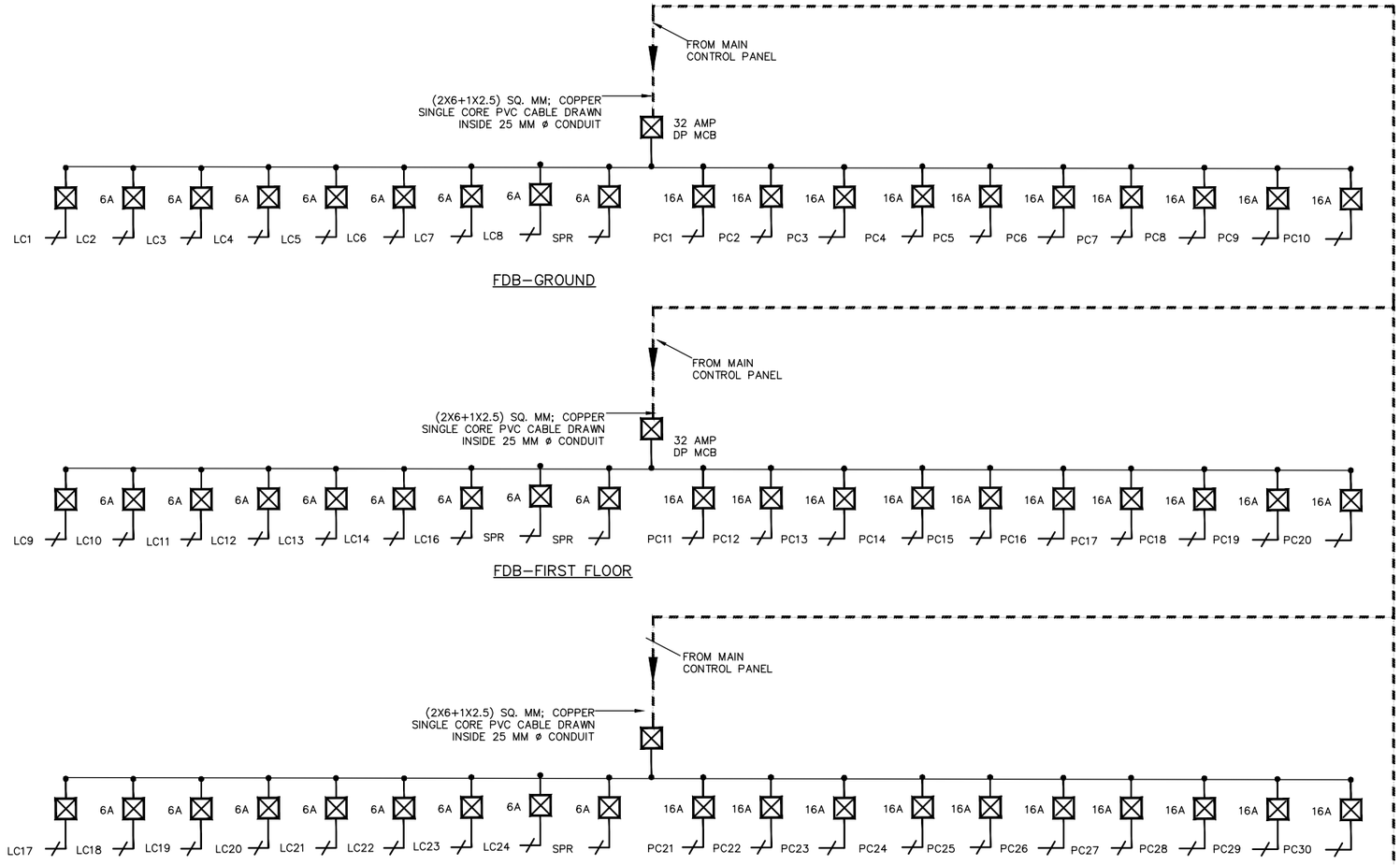
Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING
TYPE C
THIRD FLOOR ELECTRICAL PLAN
SHEET 4 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5321− Q 1683 REV. A



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1622	PERMANENT CAMP AND ROADS, TYPE C
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE C

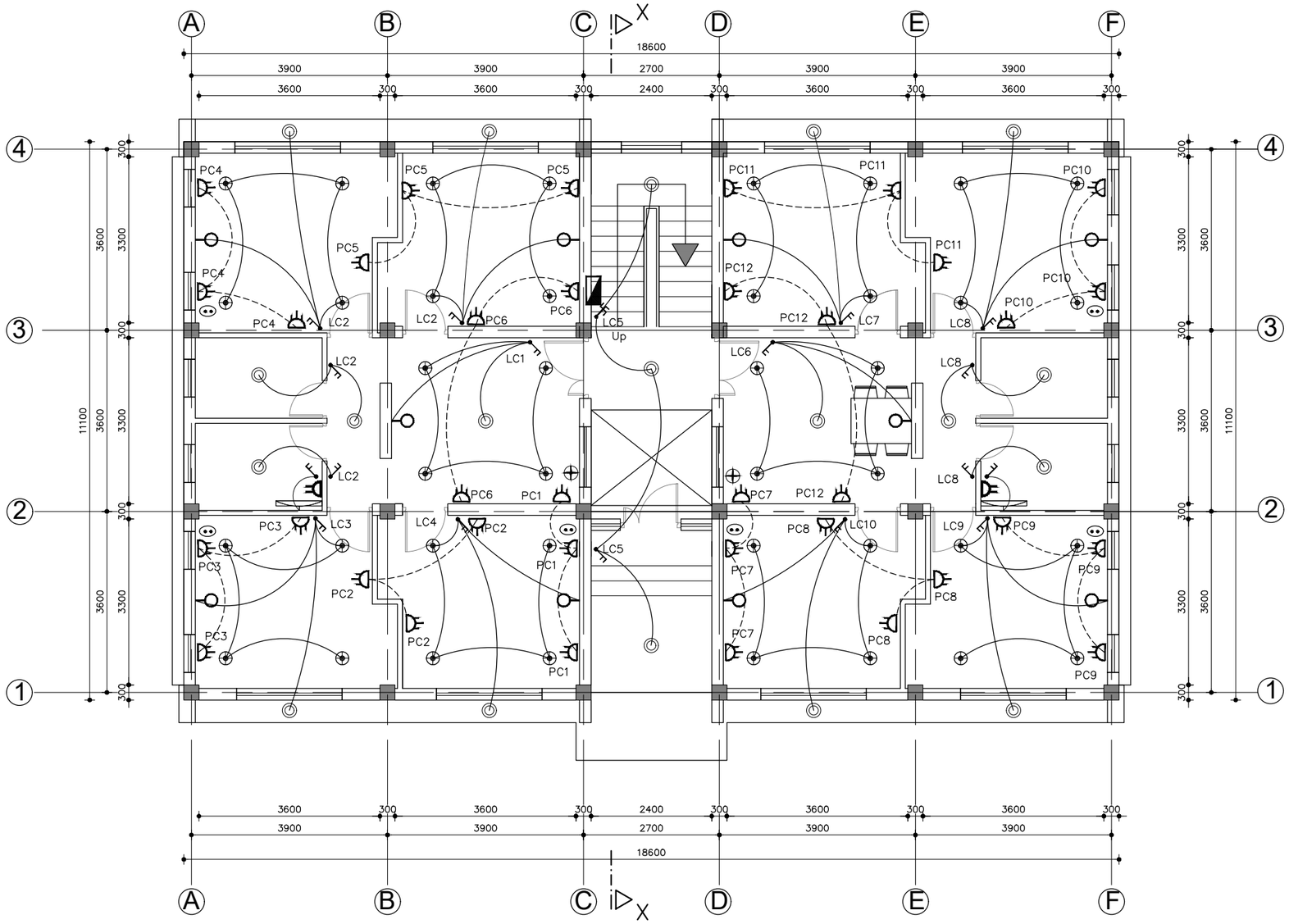
DISTRIBUTION NETWORKS

SHEET 5 OF 5

PROJECT DRAWING

Scale A3: NOT IN SCALE

Drwg. No.: 31–00053–DD–5310– Q 1683 | REV. A



TYPE D

GROUND FLOOR PLAN

AREA: 206.46 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1623	PERMANENT CAMP AND ROADS, TYPE D
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE D

GROUND FLOOR ELECTRICAL PLAN

SHEET 1 OF 4

PROJECT DRAWING

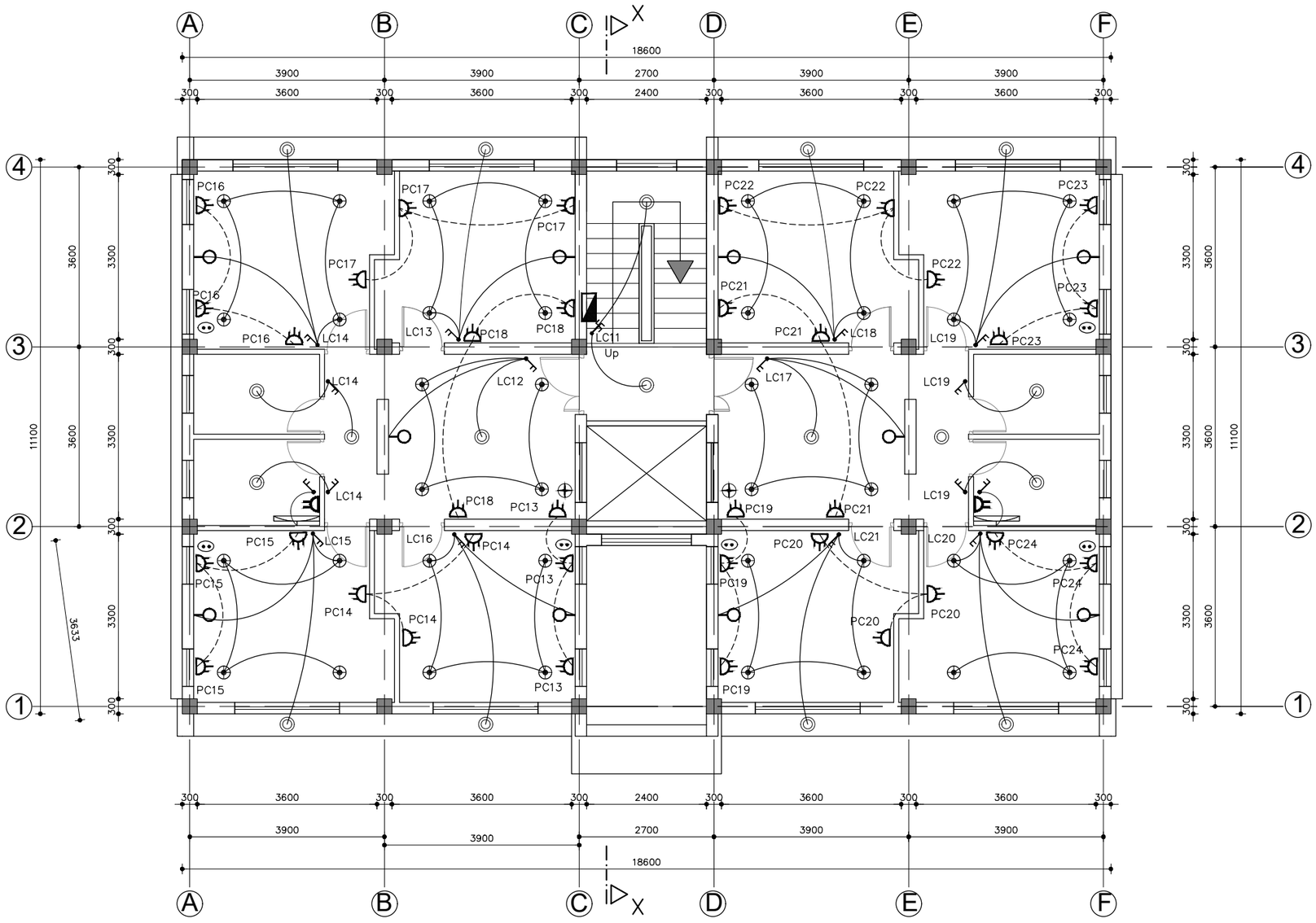
Drwg. No.: 31−00053−DD−5310− Q 1684 | REV. | A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE
POWER CIRCUIT WIRE



TYPE D

FIRST FLOOR PLAN

AREA: 206.46 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1623	PERMANENT CAMP AND ROADS, TYPE D
31-00053-DD-5310-Q-1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE D

FIRST FLOOR ELECTRICAL PLAN

SHEET 2 OF 4

PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310-Q 1684 REV. A

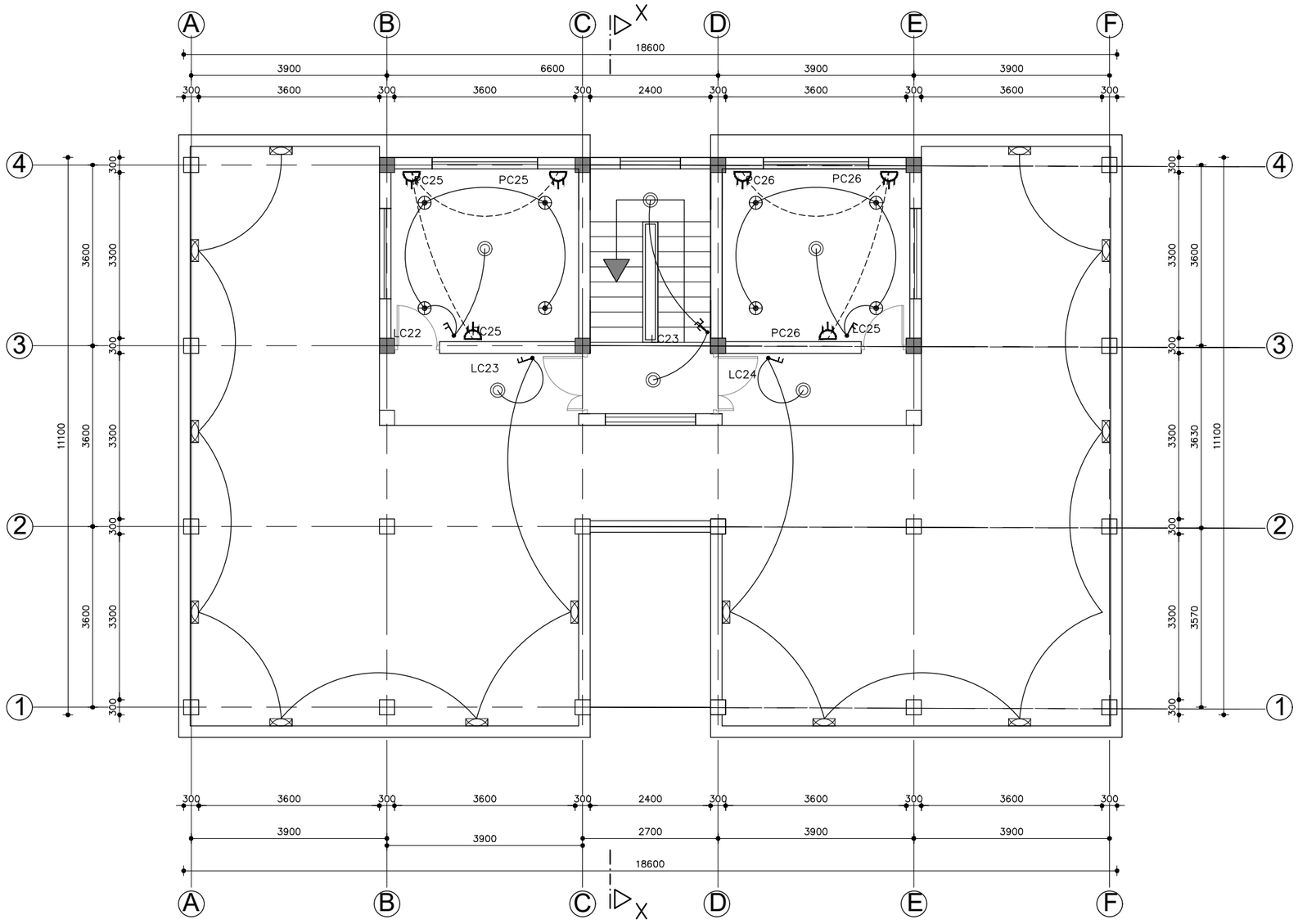
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE D

THIRD FLOOR PLAN

AREA: 57.6 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1623	PERMANENT CAMP AND ROADS, TYPE D
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE D

SECOND FLOOR ELECTRICAL PLAN

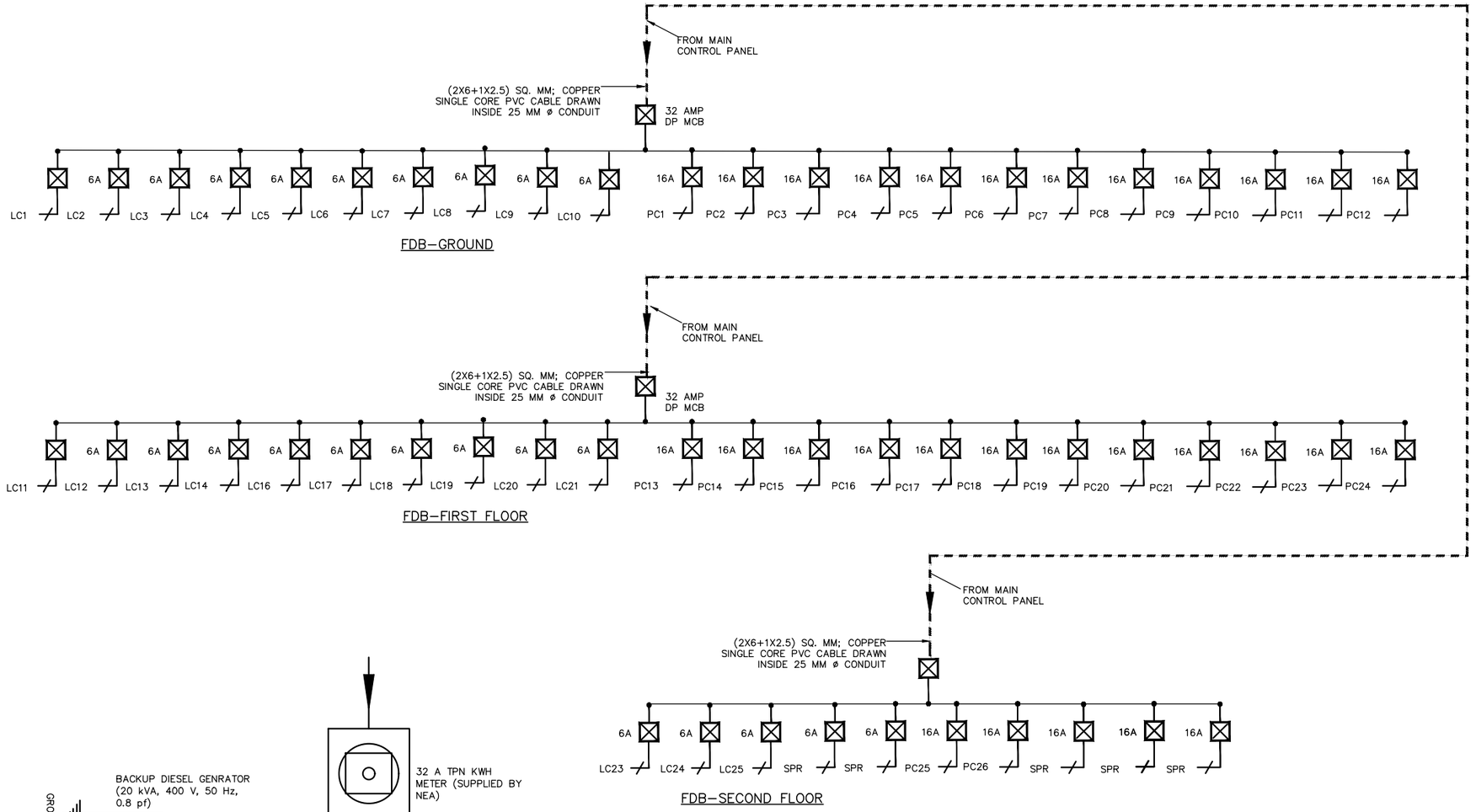
SHEET 3 OF 4

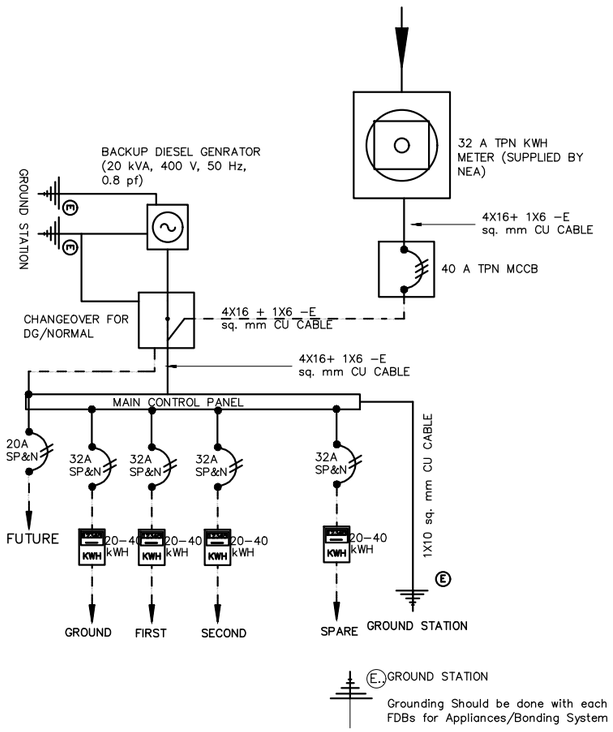
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1684 | REV. | A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.





Reference Drawings	
Drwg. No.	Title
31–00053–DD–5310–Q–1623	PERMANENT CAMP AND ROADS, TYPE D

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE D

DISTRIBUTION NETWORKS

SHEET 4 OF 4

PROJECT DRAWING

Scale A3: NOT IN SCALE

Drwg. No.: 31–00053–DD–5310– Q 1684 | REV. | A

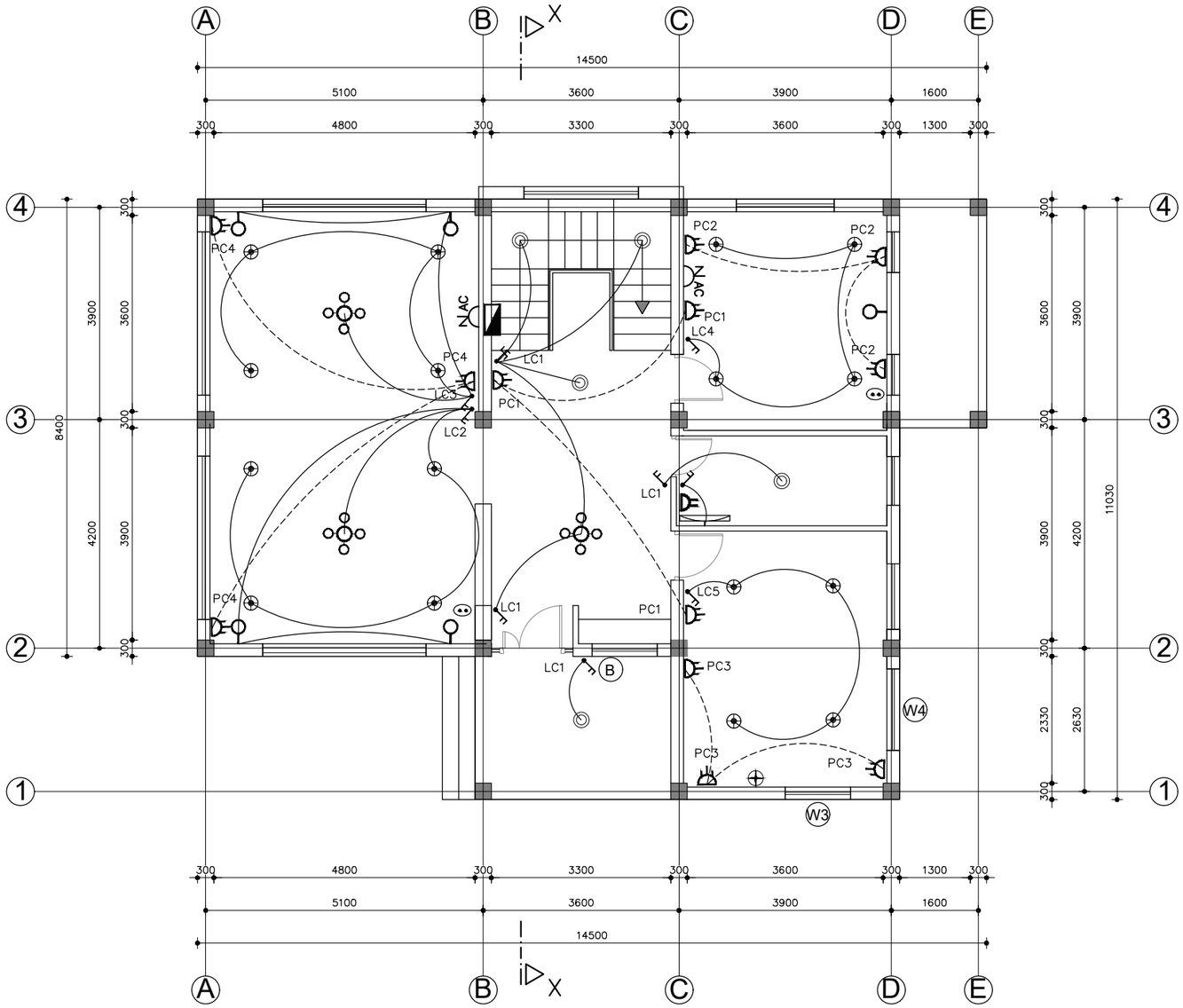
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE E

GROUND FLOOR PLAN

AREA: 135.58 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1624	PERMANENT CAMP AND ROADS, TYPE E
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING
TYPE E
GROUND FLOOR ELECTRICAL PLAN
SHEET 1 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1685 REV. A

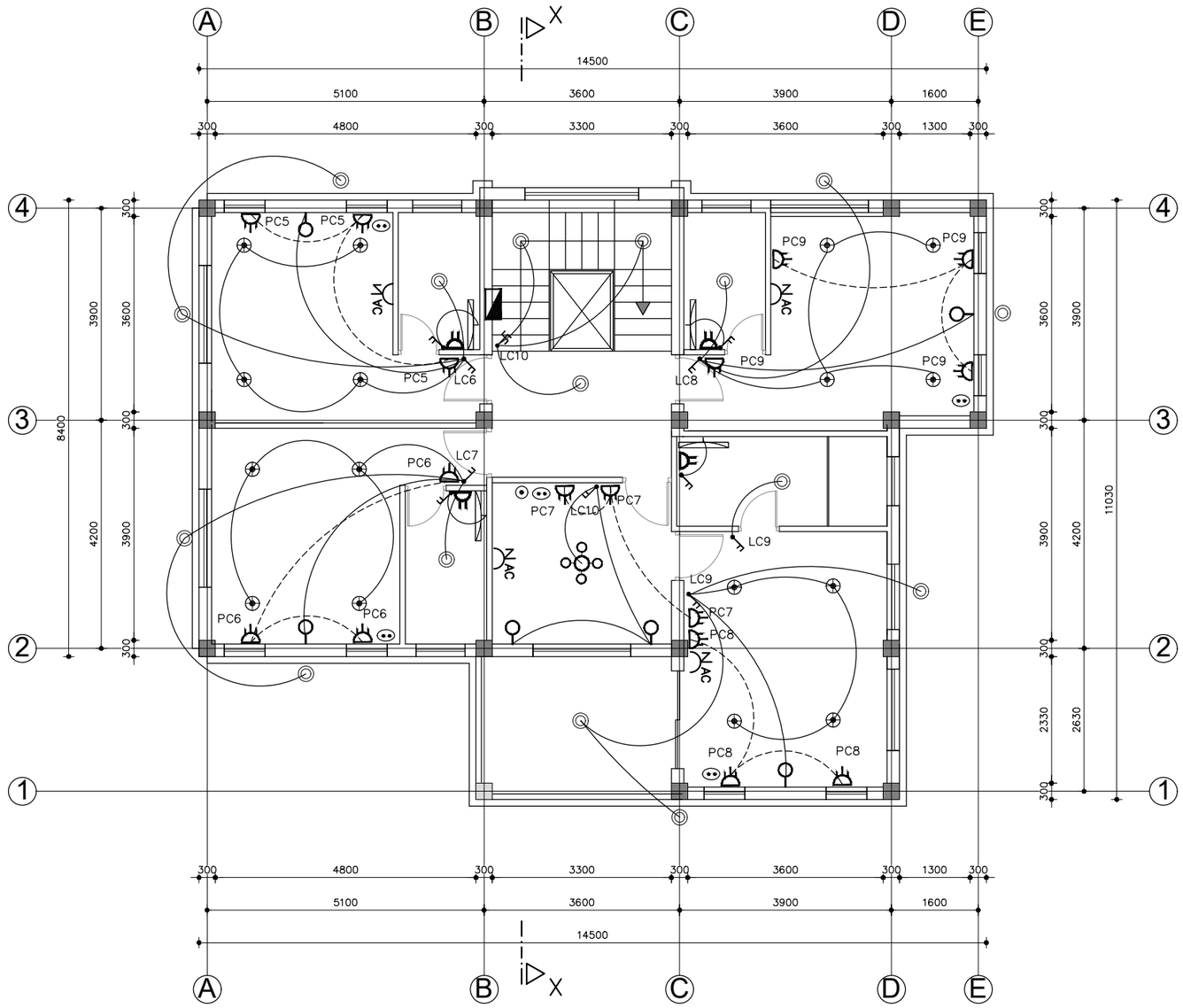
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE E

FIRST FLOOR PLAN

AREA: 126.11 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1624	PERMANENT CAMP AND ROADS, TYPE E
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL — CONSULTING ENGINEERS BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE E

FIRST FLOOR ELECTRICAL PLAN

SHEET 2 OF 5

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1685 REV. A

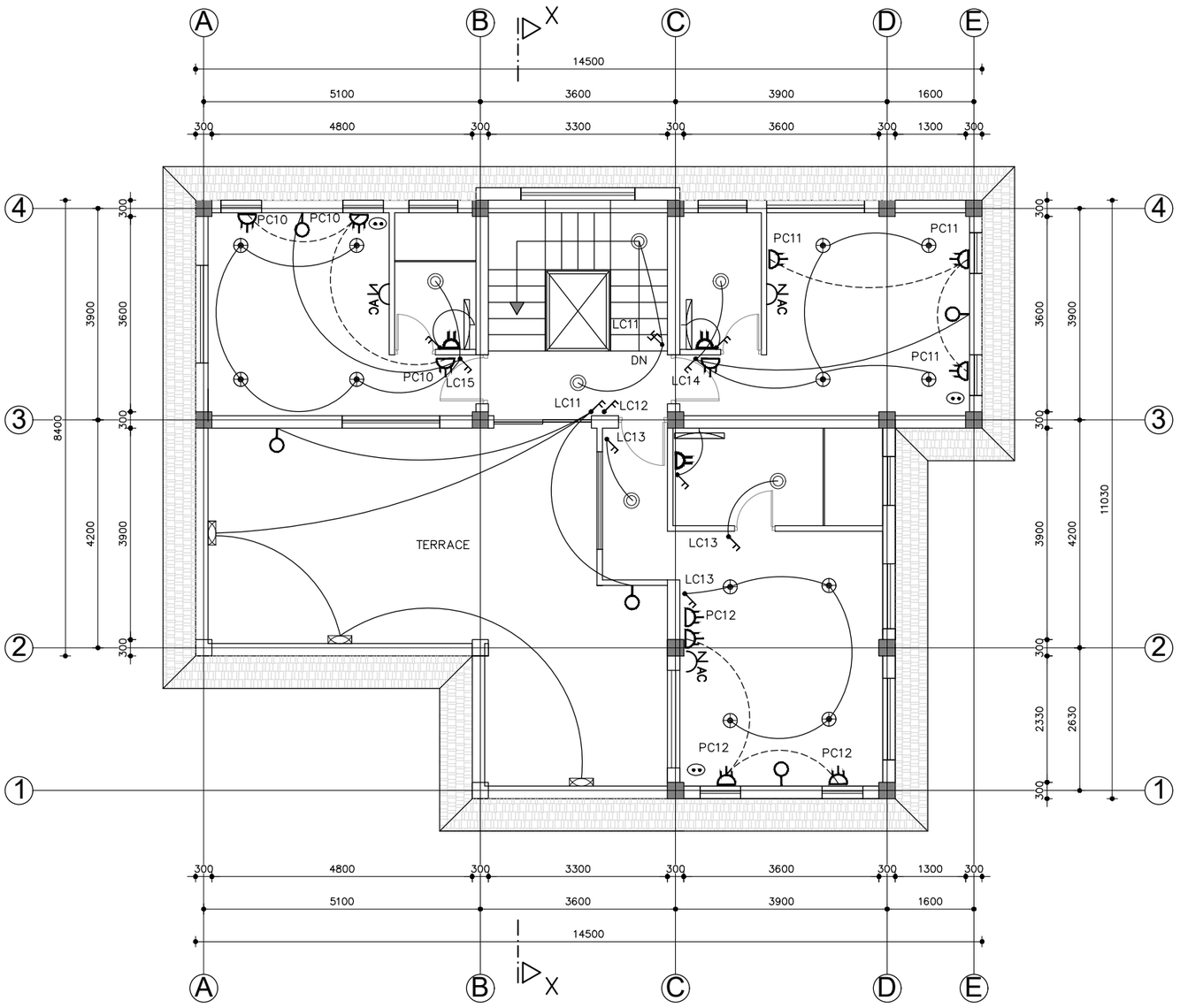
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE E
SECOND FLOOR PLAN

AREA: 93.35 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1624	PERMANENT CAMP AND ROADS, TYPE E
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL — CONSULTING ENGINEERS BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE E

SECOND FLOOR ELECTRICAL PLAN

SHEET 3 OF 5

PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31−00053−DD−5310− Q 1685 REV. A

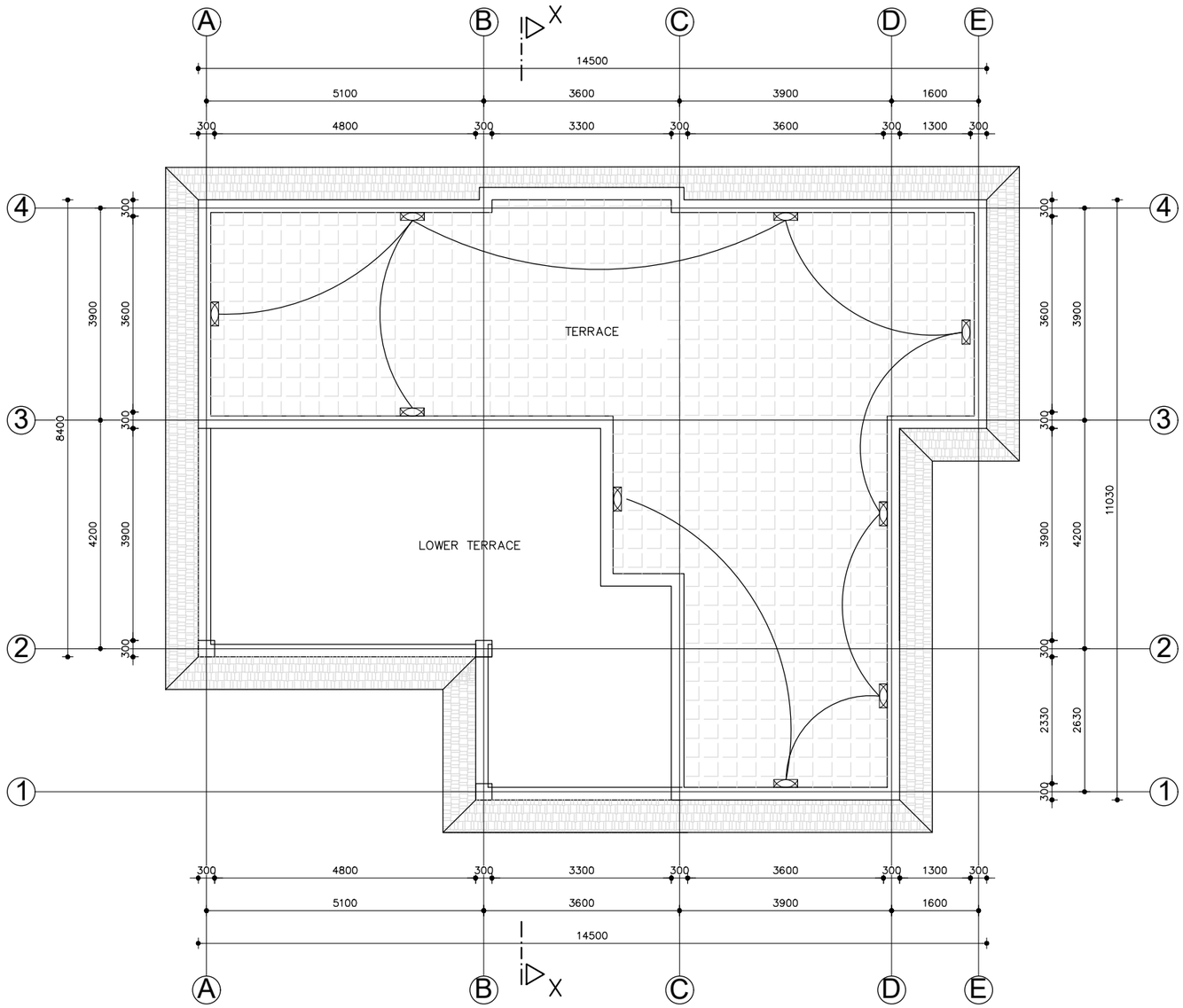
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

TYPE E
ROOF FLOOR PLAN

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1624	PERMANENT CAMP AND ROADS, TYPE E
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

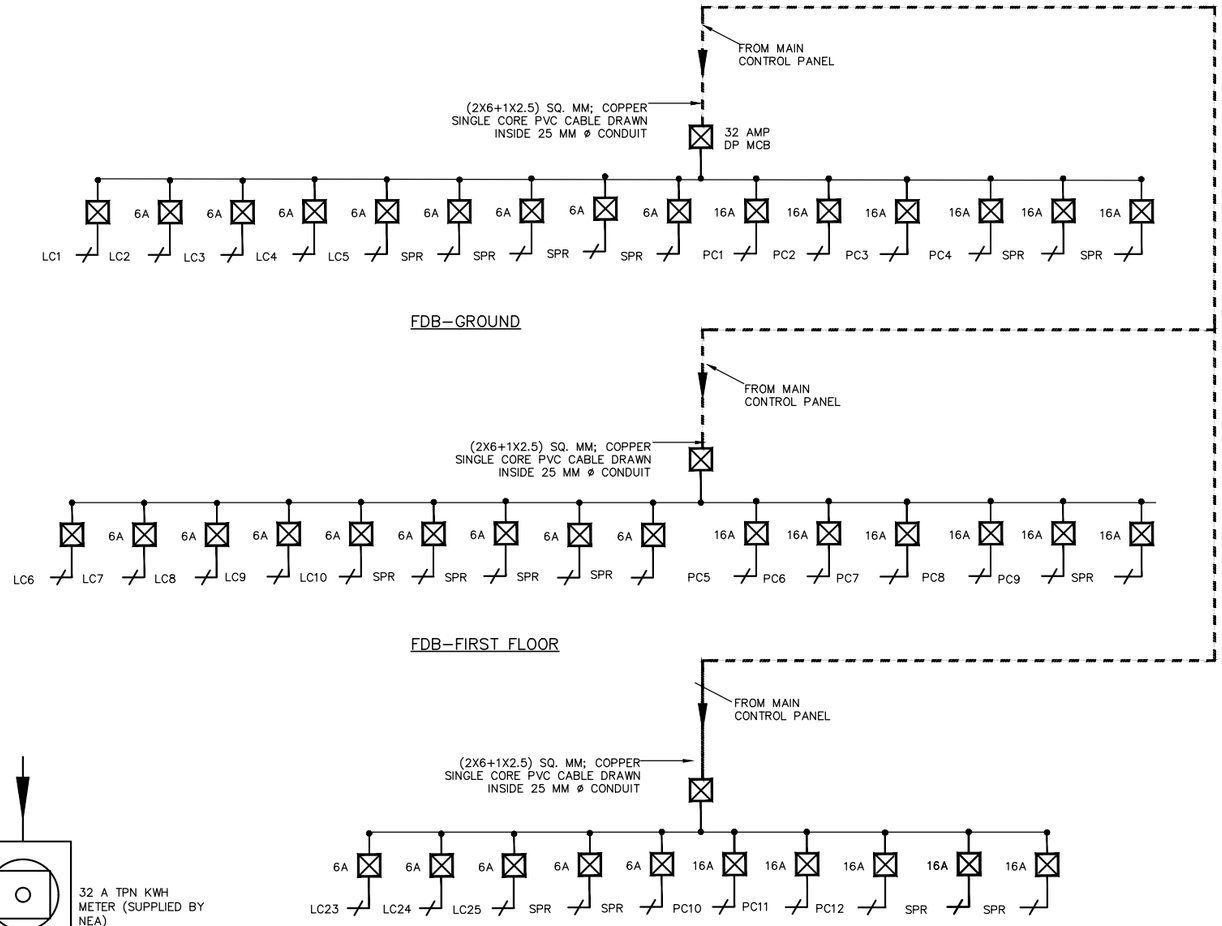
Scale A3: 1:100

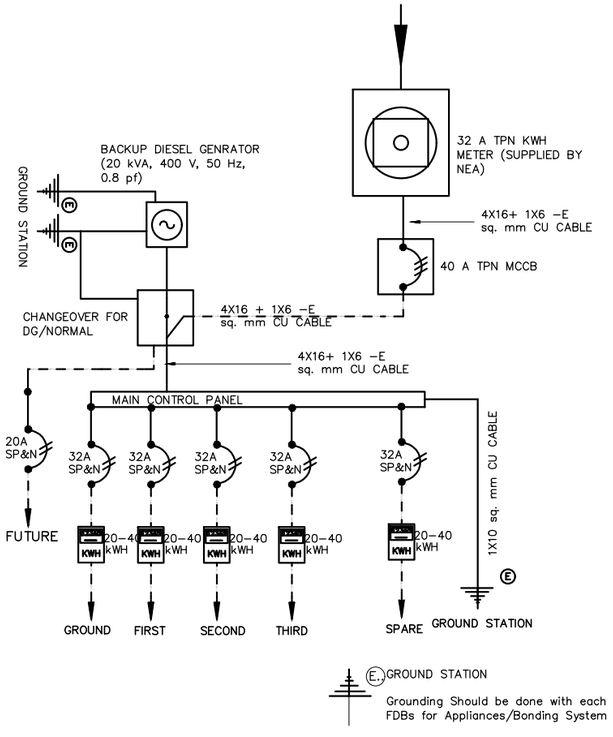
DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE E
ROOF FLOOR ELECTRICAL PLAN
SHEET 4 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1685 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.





Reference Drawings	
Drwg. No.	Title
31–00053–DD–5310–Q–1624	PERMANENT CAMP AND ROADS, TYPE E
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ACCOMMODATION BUILDING TYPE E

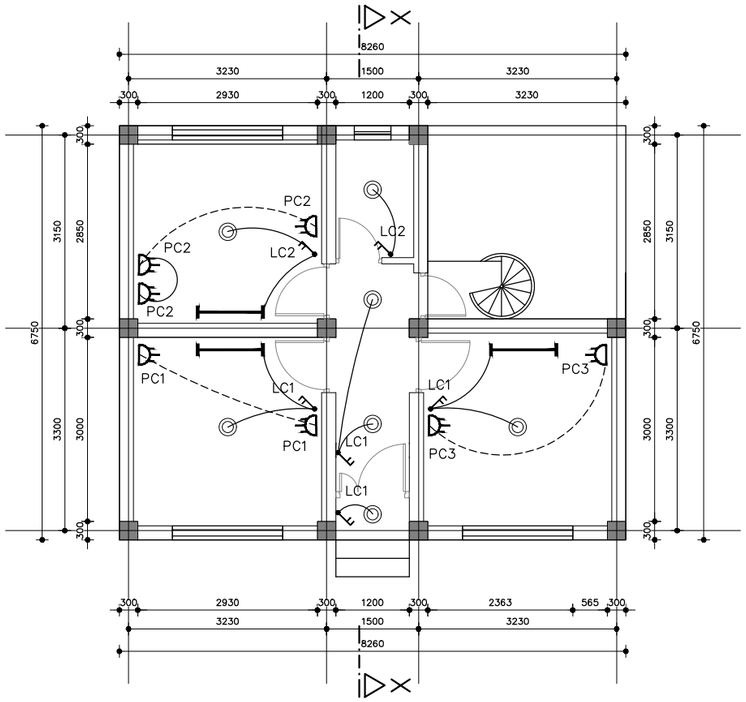
DISTRIBUTION NETWORKS

SHEET 5 OF 5

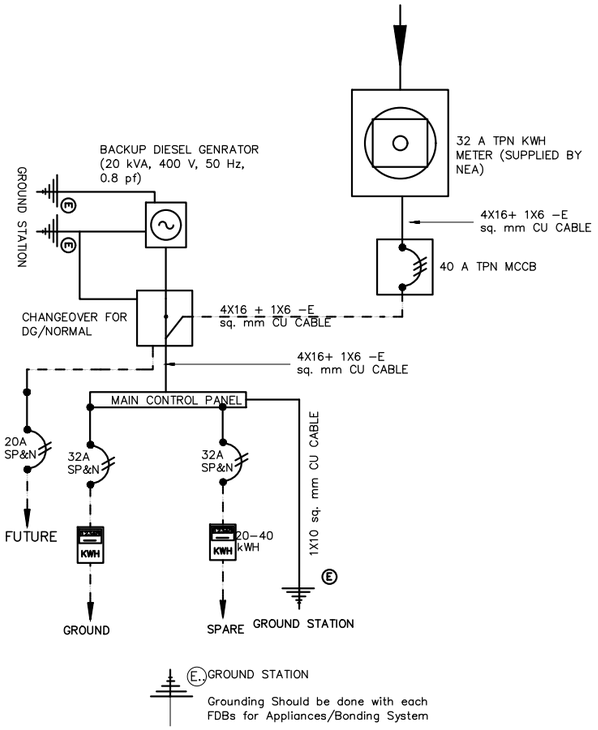
PROJECT DRAWING

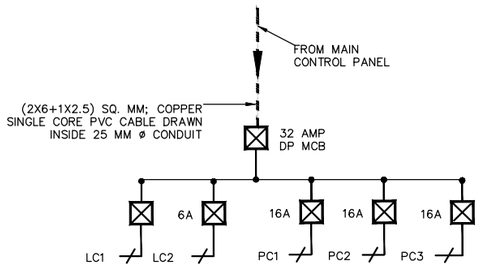
Scale A3: NOT IN SCALE

Drwg. No.: 31–00053–DD–5310– Q 1685 | REV. | A



TYPE F
GROUND FLOOR PLAN
AREA: 45.56 m2





FDB-GROUND

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE
-1000(mm) 0 1 2 3 4 5 [m]
1:100

Reference Drawings

Drwg. No.	Title
31-00053-DD-5310-Q-1625	PERMANENT CAMP AND ROADS , TYPE F
31-00053-DD-5310-Q-1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

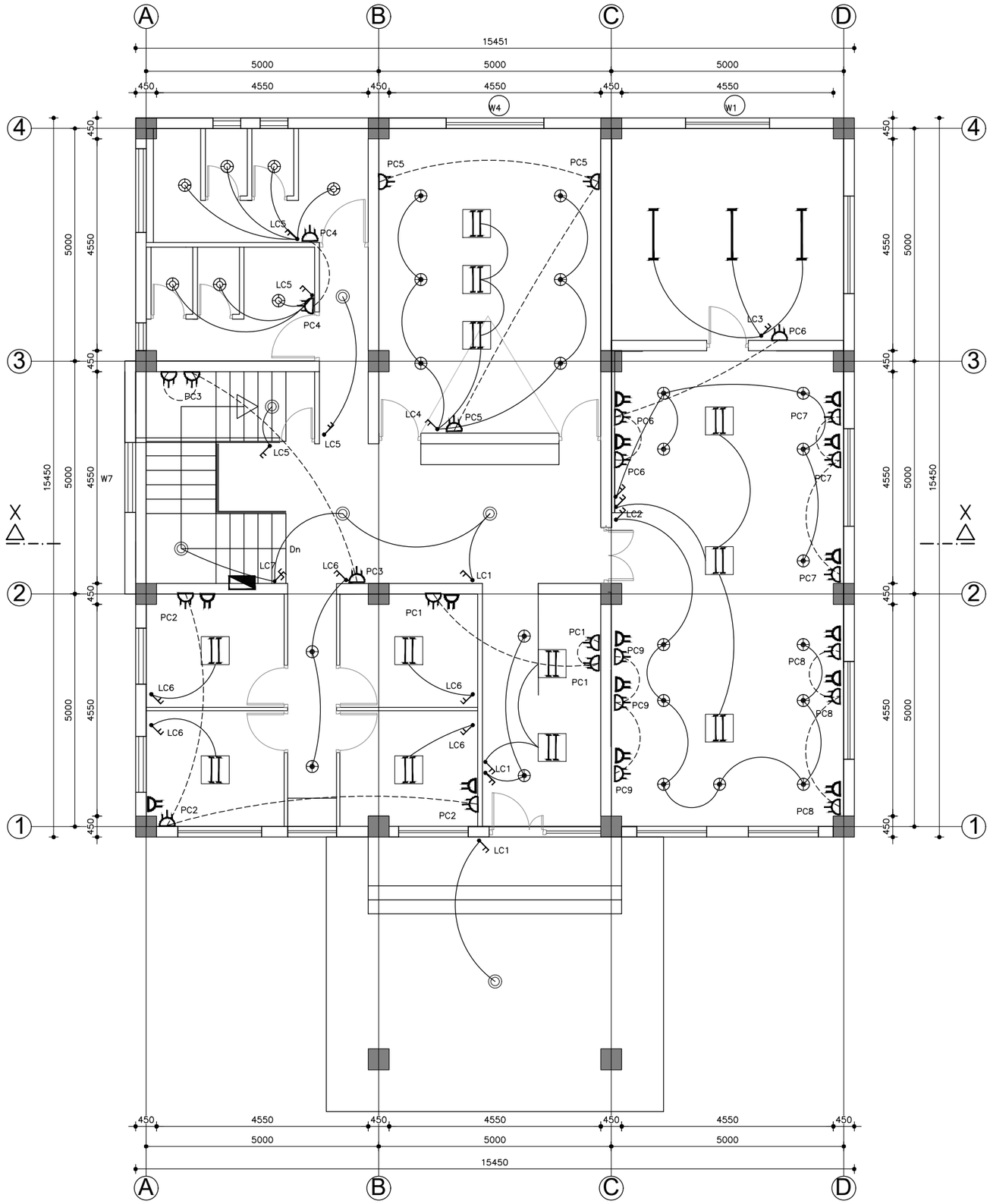
Replaces Drwg. No:

CAD- File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ACCOMMODATION BUILDING
TYPE F
GROUND FLOOR ELECTRICAL DRAWING
DISTRIBUTION NETWORKS
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31-00053-DD-5310- Q 1686 | REV. | A



TYPE G

GROUND FLOOR PLAN

AREA: 267.10 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1626	PERMANENT CAMPS AND ROADS, TYPE G
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL — CONSULTING ENGINEERS BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING TYPE G

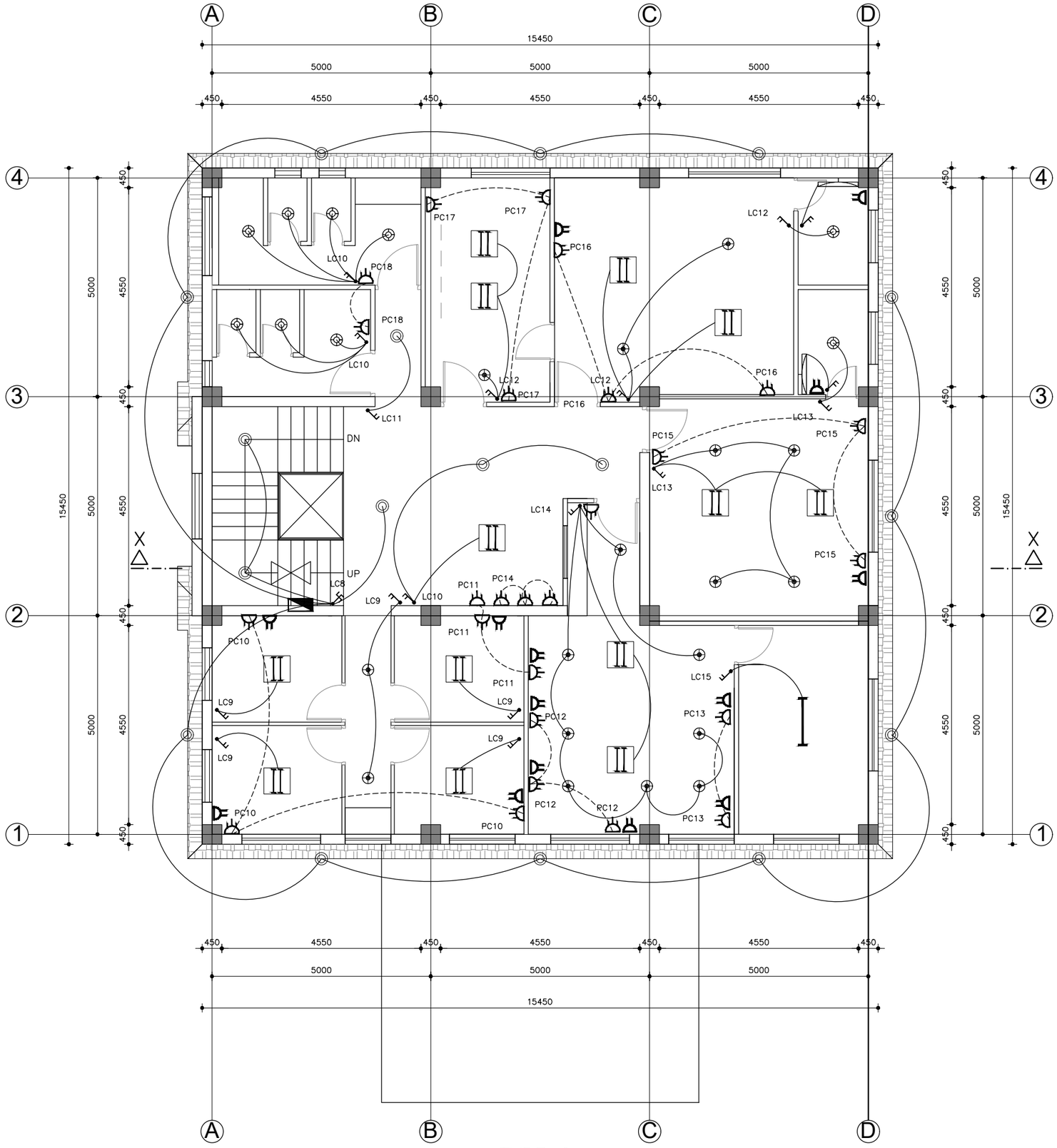
GROUND FLOOR ELECTRICAL PLAN

SHEET 1 OF 4

PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31−00053−DD−5310− Q 1687 REV. —



TYPE G

FIRST FLOOR PLAN

AREA: 239.85 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1626	PERMANENT CAMP AND ROADS, TYPE G
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

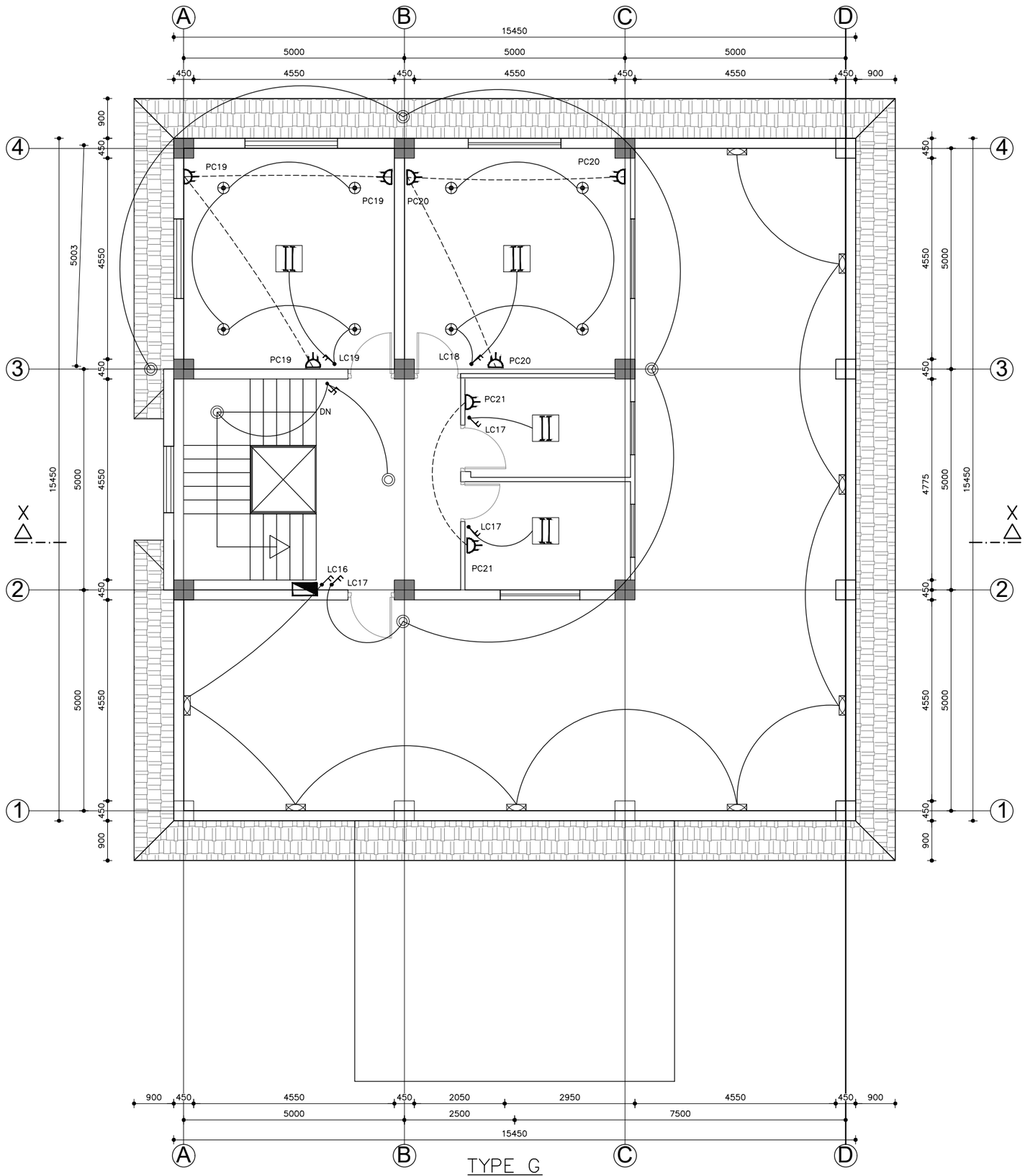
DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING
TYPE G
FIRST FLOOR ELECTRICAL PLAN
SHEET 2 OF 4
PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31−00053−DD−5310− Q 1687 REV. A



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1626	PERMANENT CAMP AND ROADS, TYPE G
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

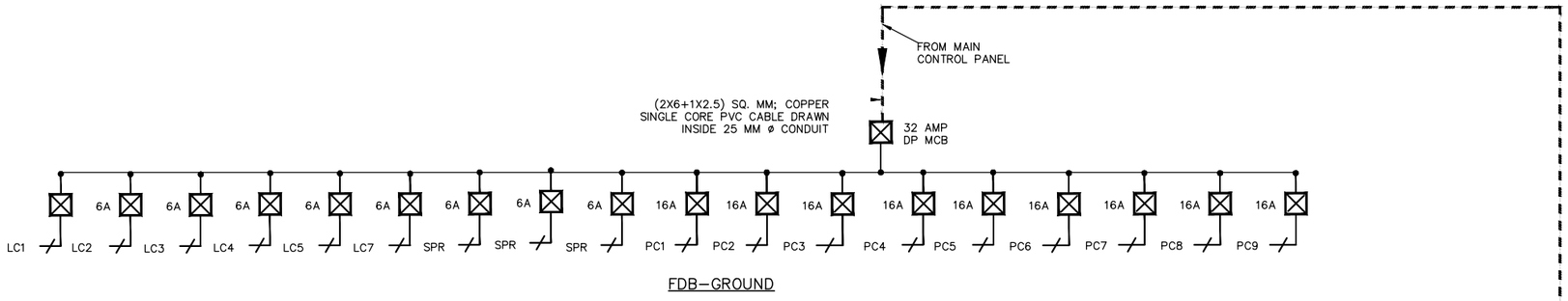
ADMINISTRATION BUILDING
TYPE G
SECOND FLOOR ELECTRICAL PLAN
SHEET 3 OF 4
PROJECT DRAWING

Scale A3: 1:100

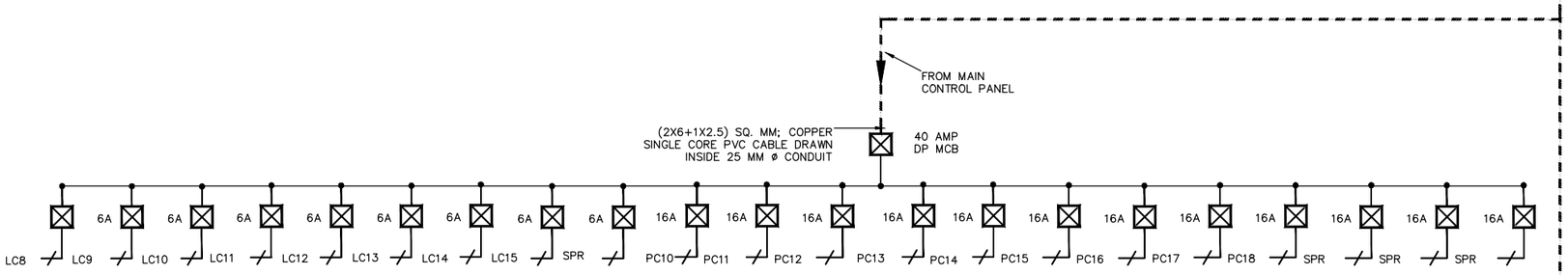
Drwg. No.: 31−00053−DD−5310− Q 1687 REV. A

NOTES:

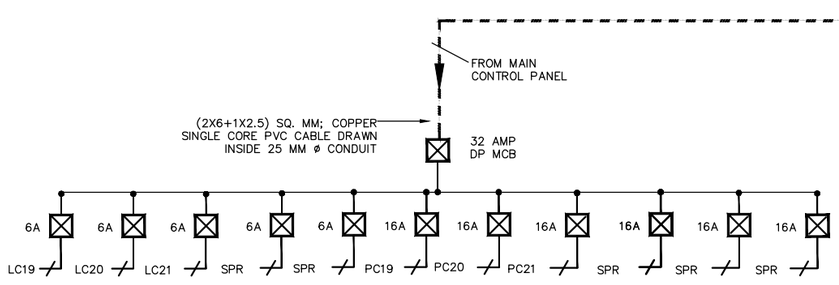
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



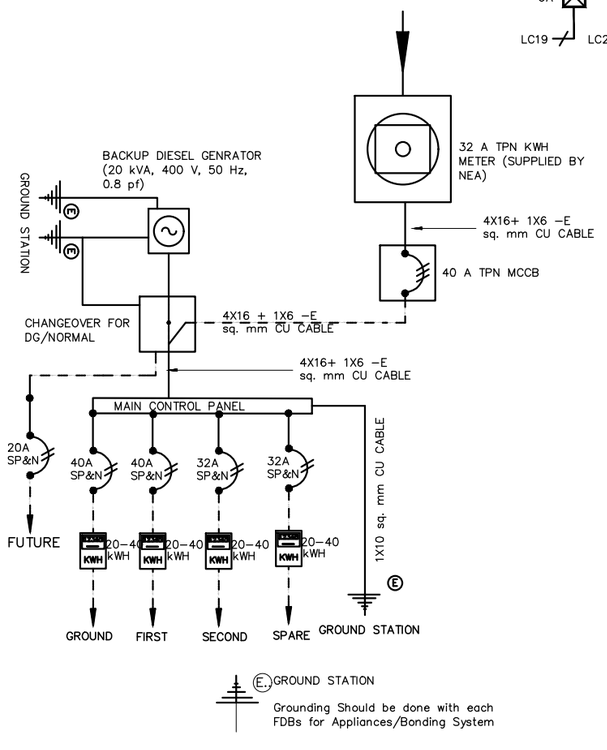
FDB–GROUND



FDB–FIRST FLOOR



FDB–SECOND FLOOR



Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1626	PERMANENT CAMP AND ROADS, TYPE G
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

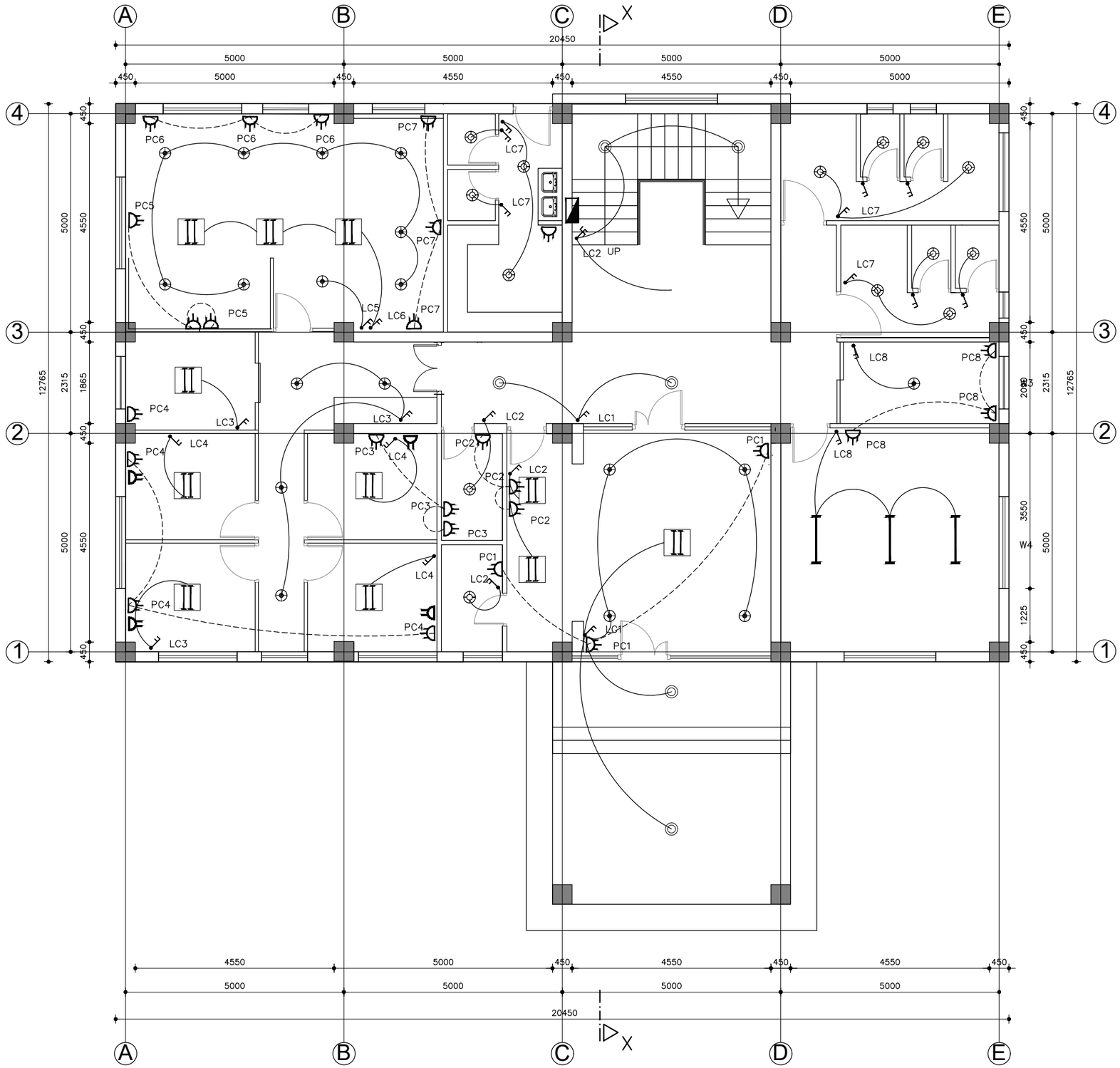
Replaces Drwg. No:

CAD– File No.:

Scale A3: NOT IN SCALE

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE G
DISTRIBUTION NETWORKS
SHEET 4 OF 4
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1687 REV. A



TYPE H
GROUND FLOOR PLAN
AREA: 291.91 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1627	PERMANENT CAMP AND ROADS, TYPE H
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

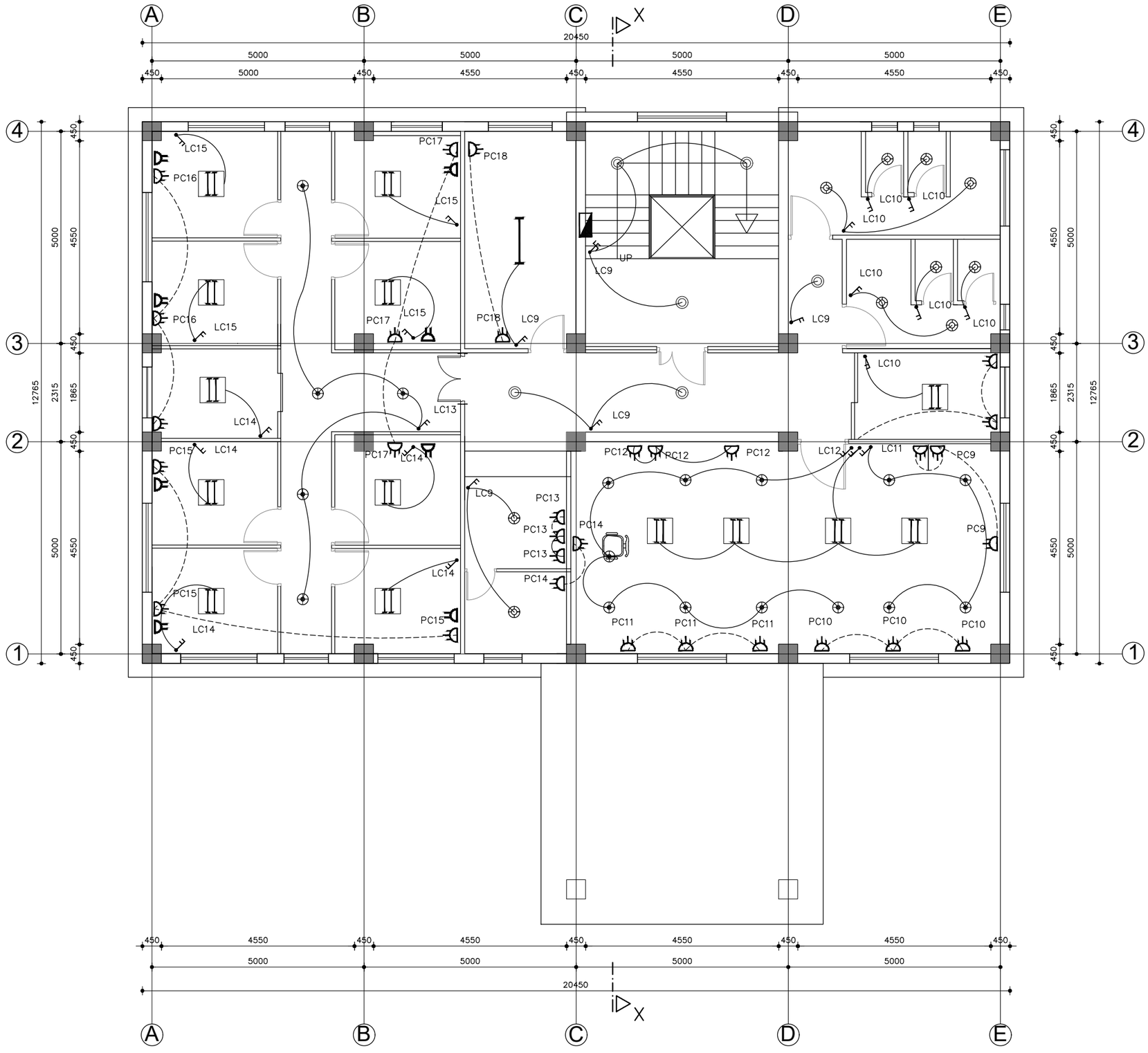
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING
TYPE H
GROUND FLOOR ELECTRICAL PLAN
SHEET 1 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1688 | REV. | A



TYPE H

FIRST FLOOR PLAN

AREA: 261.04 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1627	PERMANENT CAMP AND ROADS, TYPE H
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING TYPE H

FIRST FLOOR ELECTRICAL PLAN

SHEET 2 OF 5

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1688 | REV. | A

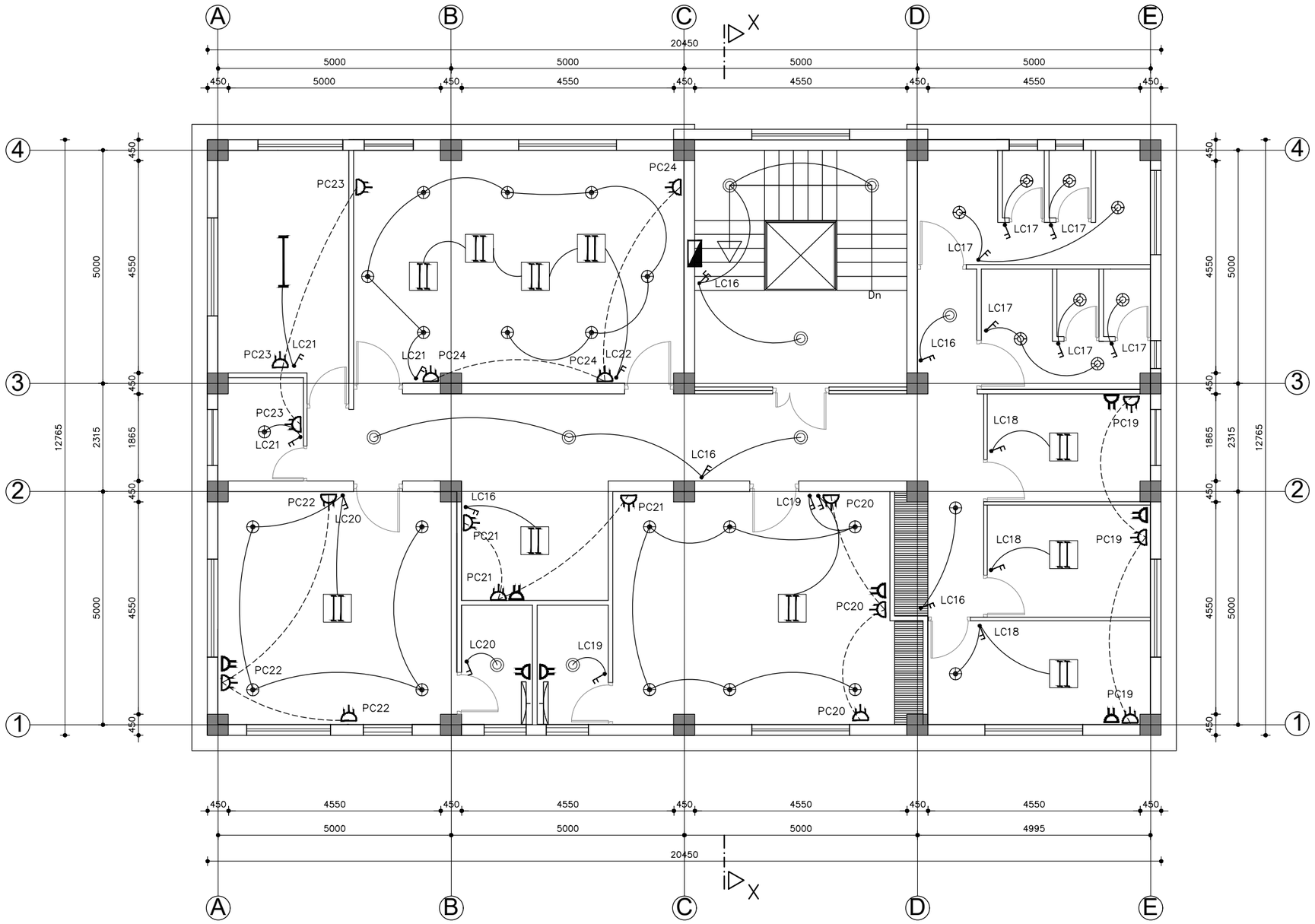
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE H

SECOND FLOOR PLAN

AREA: 261.04 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1626	PERMANENT CAMP AND ROADS, TYPE H, ELEVATION & SECTION, SHEET 4 OF 4
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING
TYPE H
SECOND FLOOR ELECTRICAL PLAN
SHEET 3 OF 5
PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1688 | REV. A

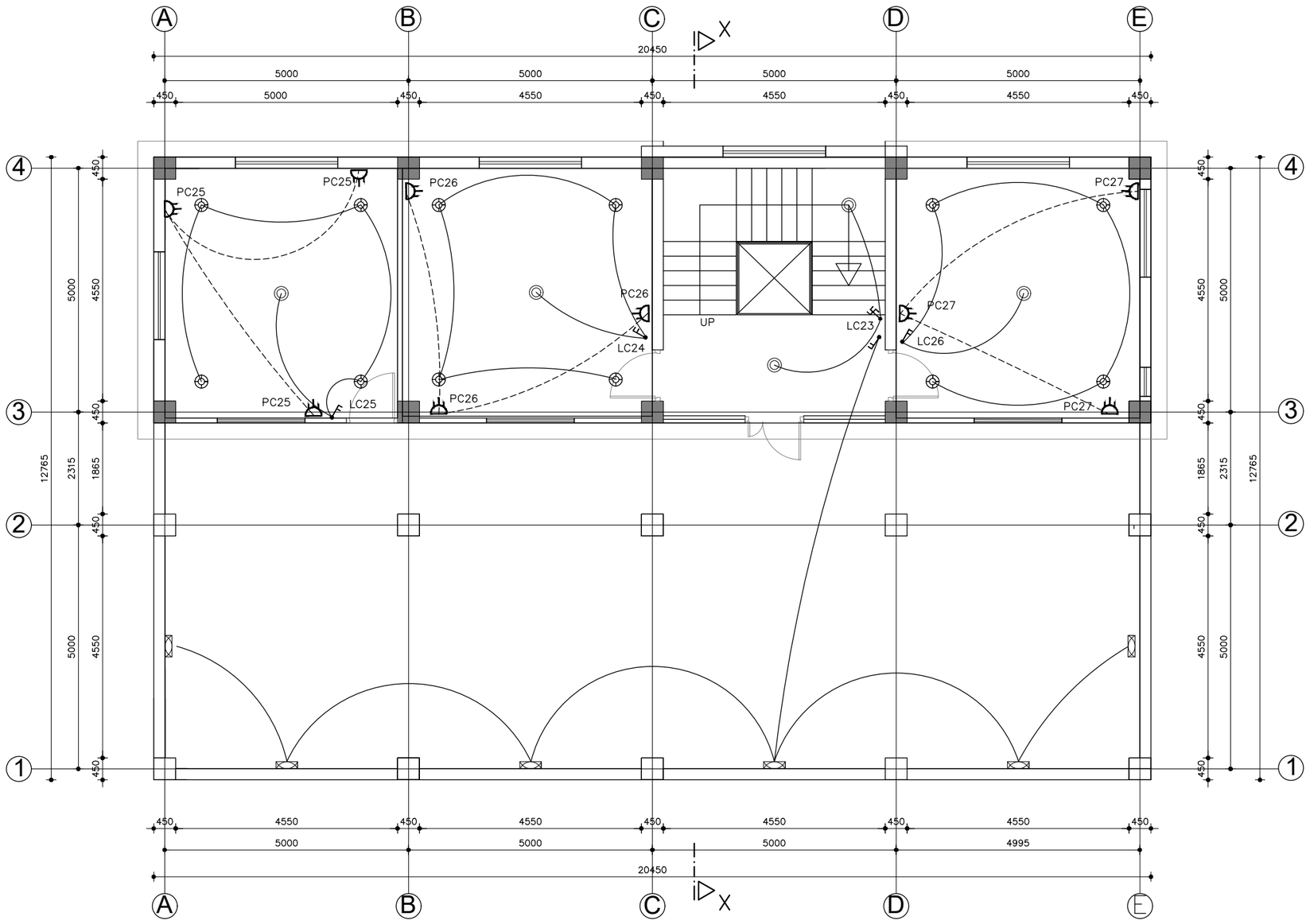
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE H

THIRD FLOOR PLAN

AREA: 111.45 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1627	PERMANENT CAMP AND ROADS, TYPE H
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

ADMINISTRATION BUILDING TYPE H

SECOND FLOOR ELECTRICAL PLAN

SHEET 4 OF 5

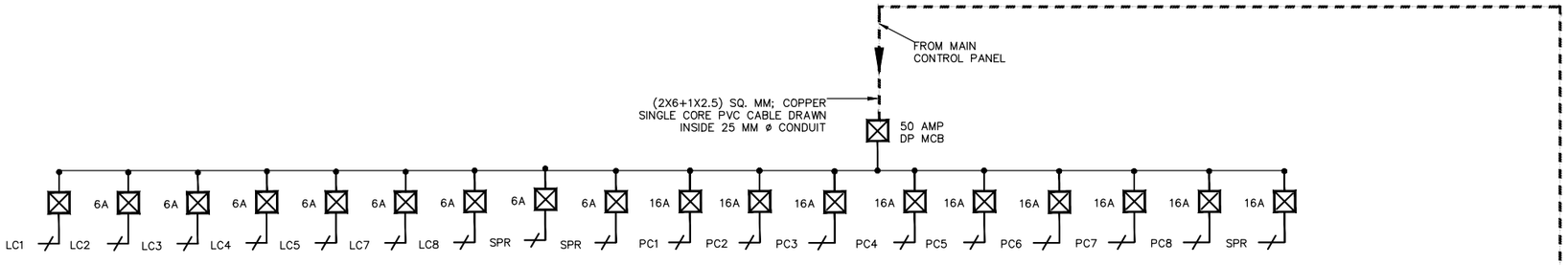
PROJECT DRAWING

Scale A3: 1:100

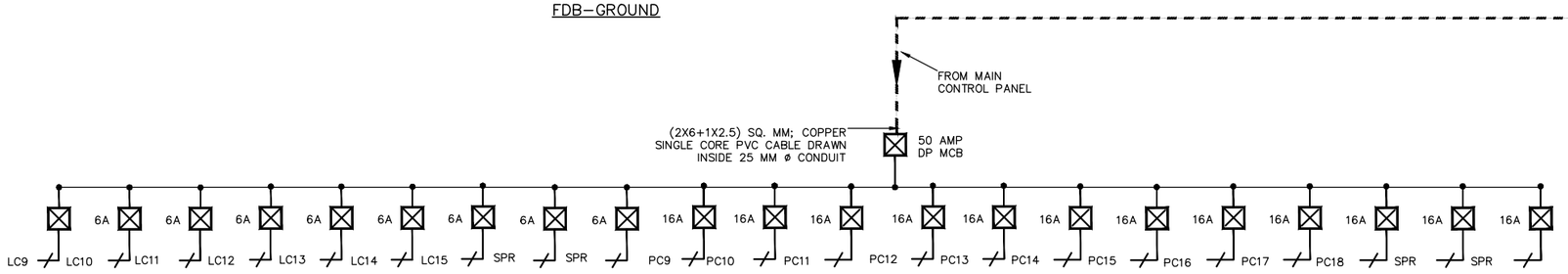
Drwg. No.: 31−00053−DD−5310− Q 1688 REV. A

NOTES:

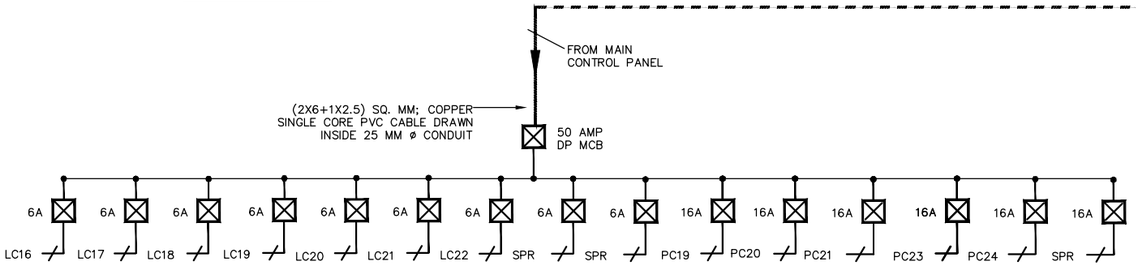
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



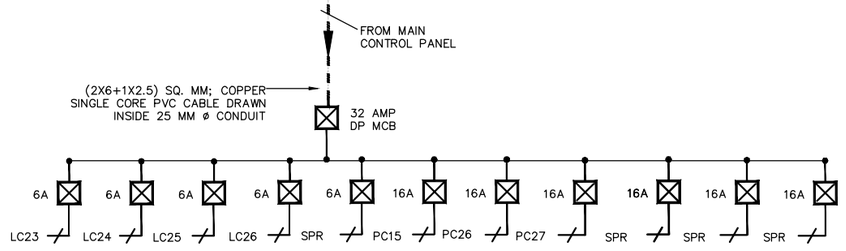
FDB–GROUND



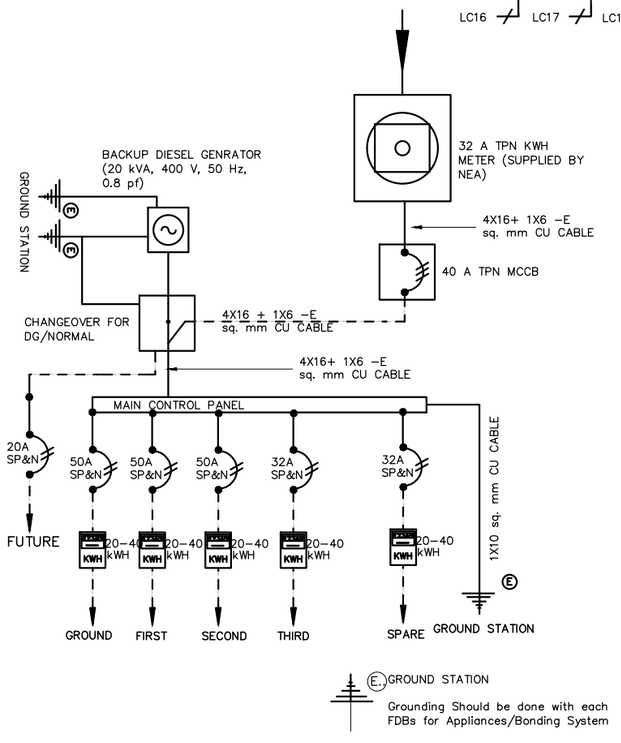
FDB–FIRST FLOOR



FDB–SECOND FLOOR



FDB–THIRD FLOOR



Reference Drawings	
Drwg. No.	Title
31–00053–DD–5310–Q–1627	PERMANENT CAMP AND ROADS, TYPE H
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

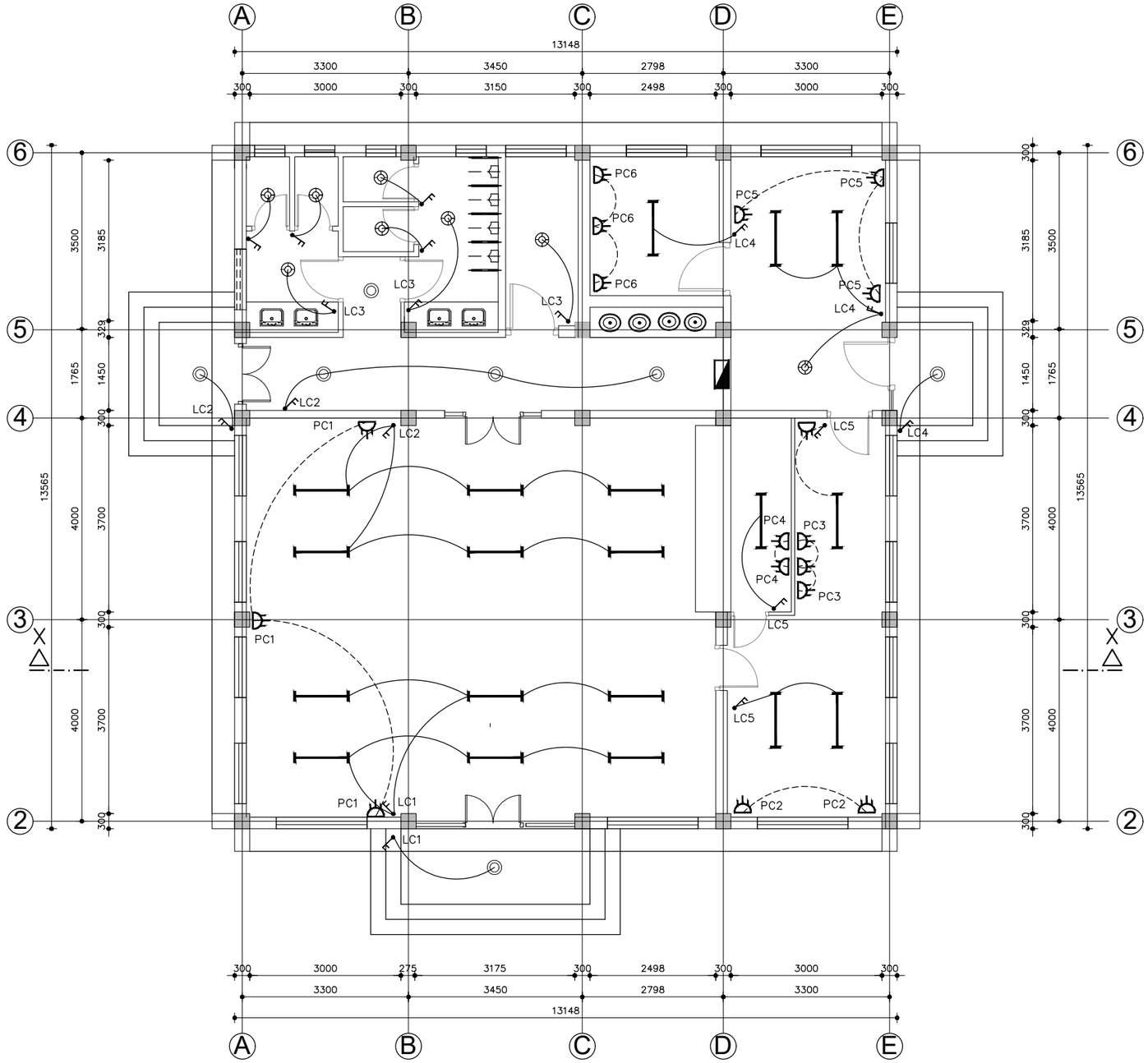
Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
ADMINISTRATION BUILDING TYPE H
DISTRIBUTION NETWORKS
SHEET 5 OF 5
PROJECT DRAWING

Scale A3: NOT IN SCALE

Drwg. No.: 31–00053–DD–5310– Q 1688 REV. A



TYPE I

GROUND FLOOR PLAN

AREA: 177.8 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1628	PERMANENT CAMP AND ROADS, TYPE I
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

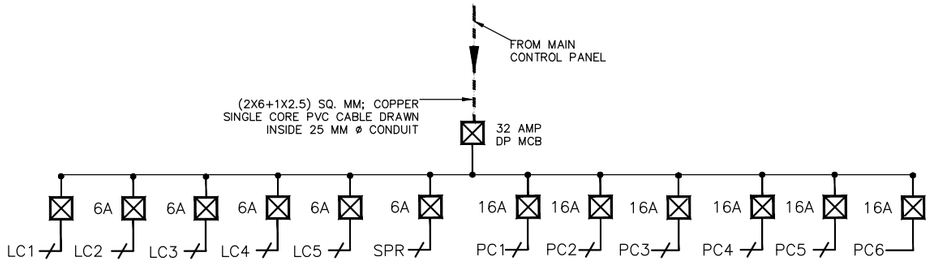
Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE I
ELECTRICAL DRAWING
SHEET 1 OF 2
PROJECT DRAWING

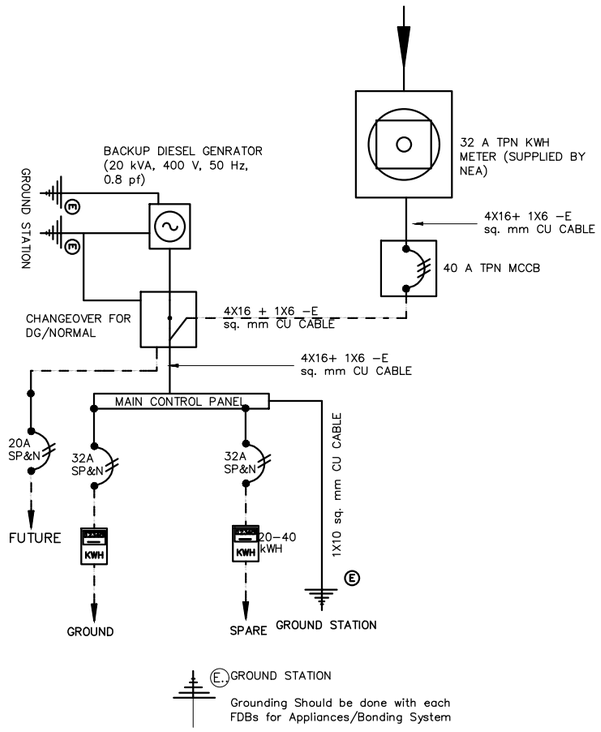
Drwg. No.: 31−00053−DD−5310− Q 1689 REV. A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



FDB–GROUND



Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1628	PERMANENT CAMP AND ROADS, TYPE I
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	05.09.18
Drawn	A. K. Basu	05.09.18
Checked	Roloff	05.09.18
Approved	Dr. Moeller	05.09.18

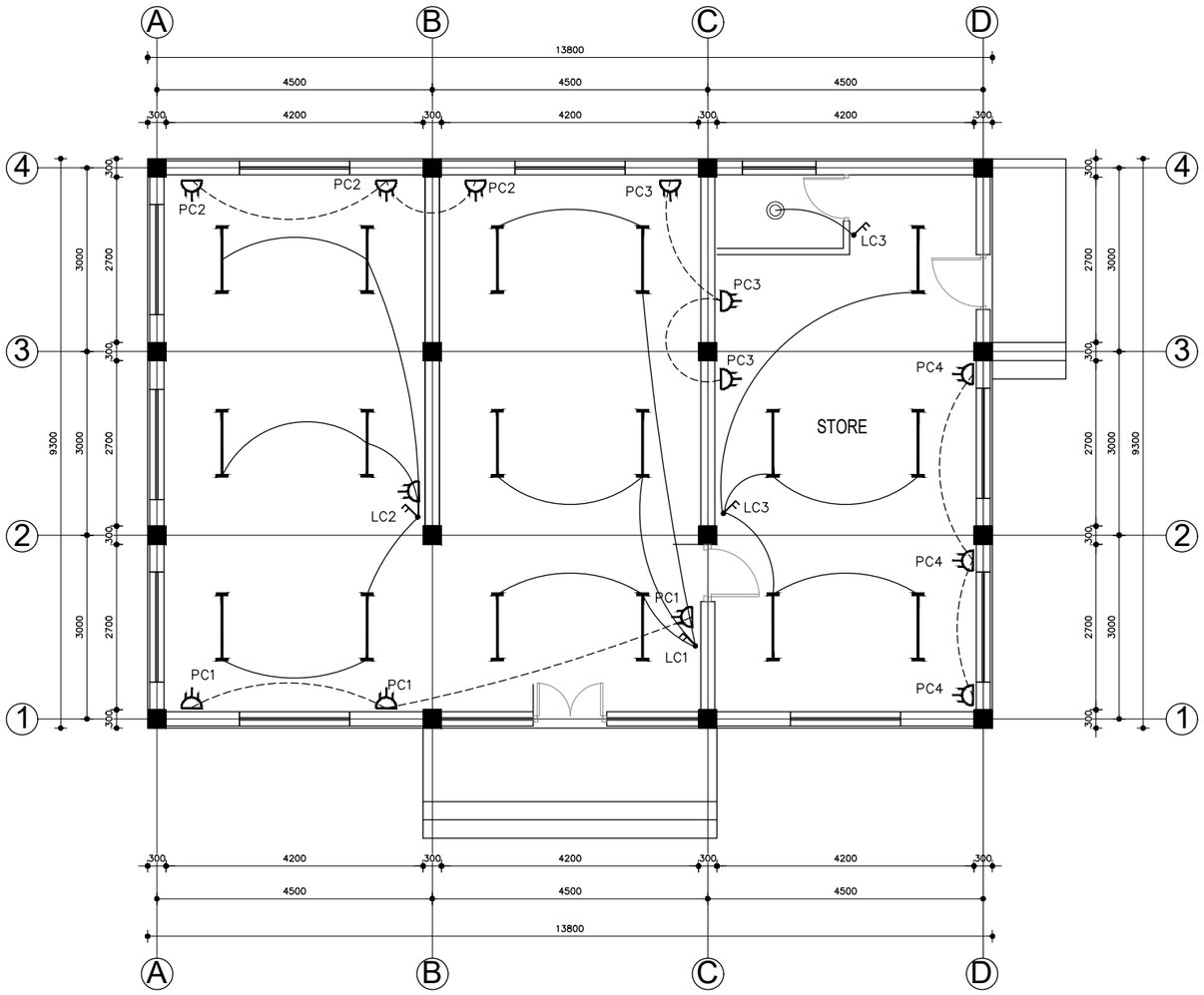
Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE I
DISTRIBUTION NETWORKS
SHEET 2 OF 2
PROJECT DRAWING

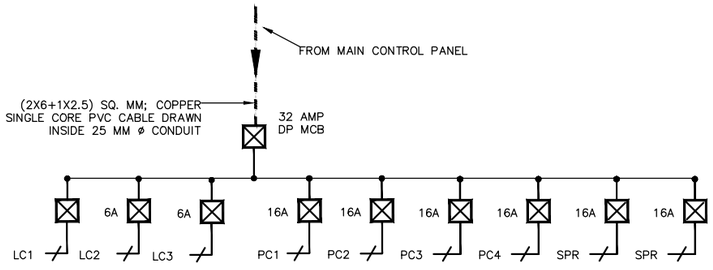
Scale A3: NOT TO SCALE

Drwg. No.: 31–00053–DD–5310– Q 1689 REV. A

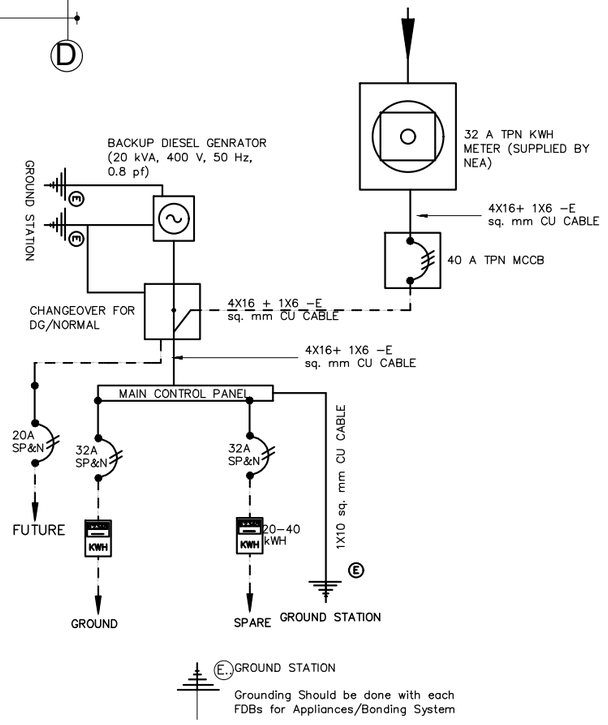


TYPE J
GROUND FLOOR PLAN

AREA: 128.34 m2



FDB–GROUND



E GROUND STATION

Grounding Should be done with each FDBs for Appliances/Bonding System

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

–1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1629	PERMANENT CAMP AND ROADS , TYPE J
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING

TYPE J

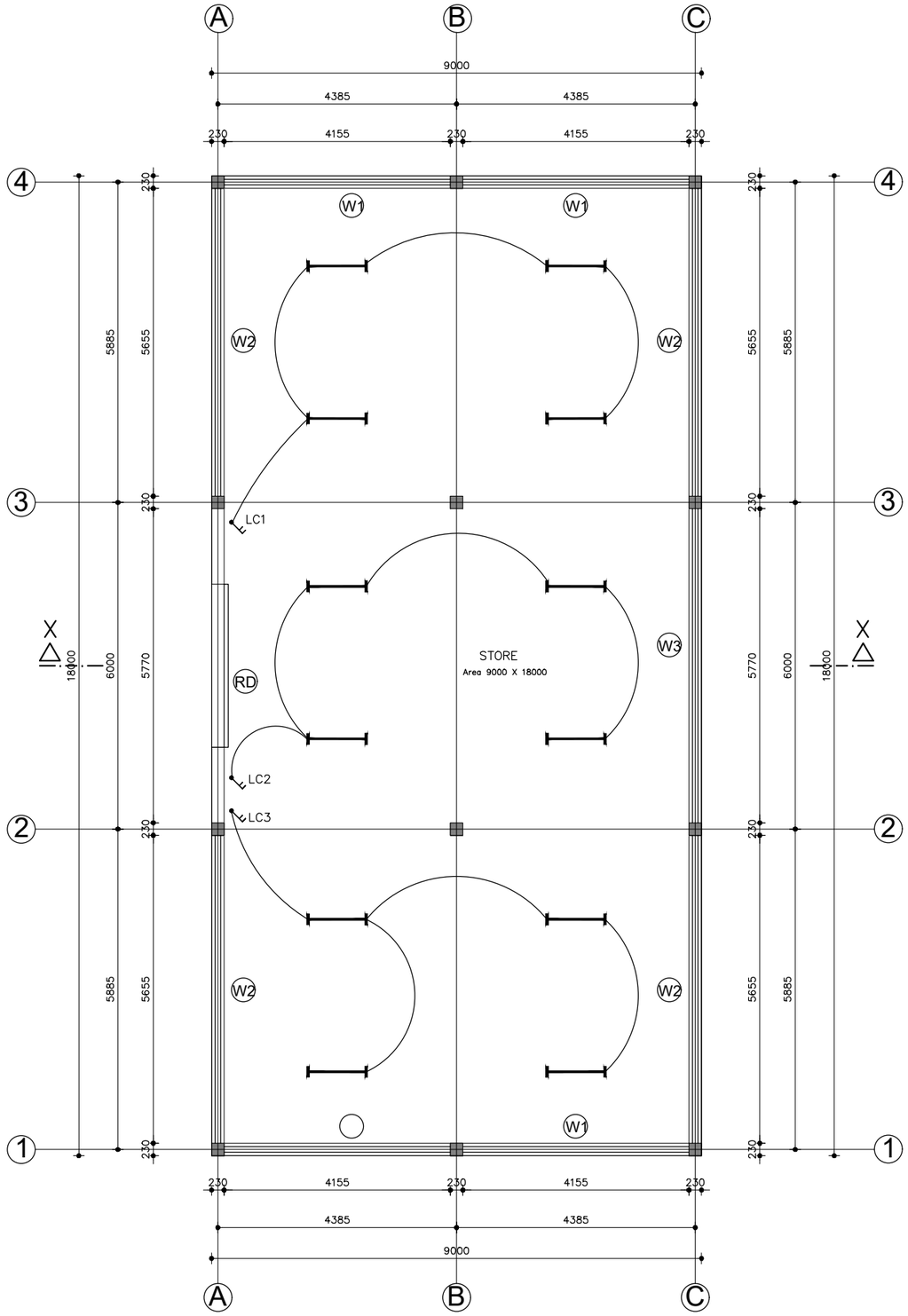
GROUND FLOOR ELECTRICAL DRAWING

DISTRIBUTION NETWORKS

PROJECT DRAWING

Scale A3: 1:100

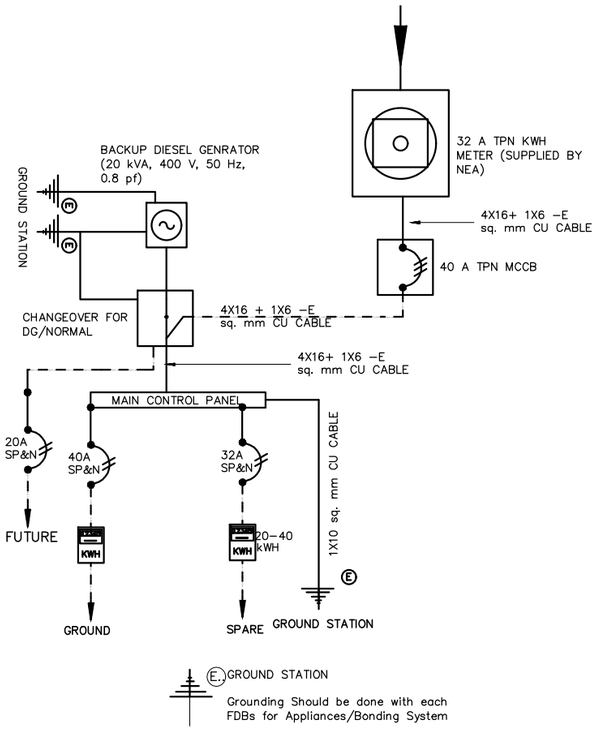
Drwg. No.: 31–00053–DD–5310– Q 1690 REV. –

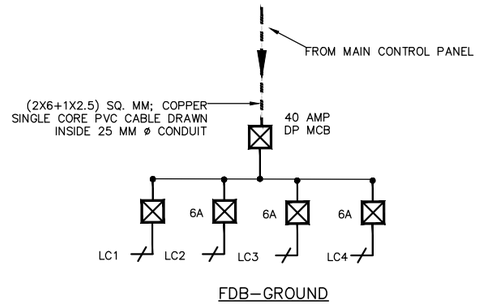


TYPE K

GROUND FLOOR PLAN

AREA: 162 m2





FDB–GROUND

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

–1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1630	PERMANENT CAMP AND ROADS , TYPE K
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL

CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING

TYPE K

GROUND FLOOR ELECTRICAL DRAWING

DISTRIBUTION NETWORKS

PROJECT DRAWING

Scale A3: 1:100

Drwg. No.: 31–00053–DD–5310– Q 1691 REV. –

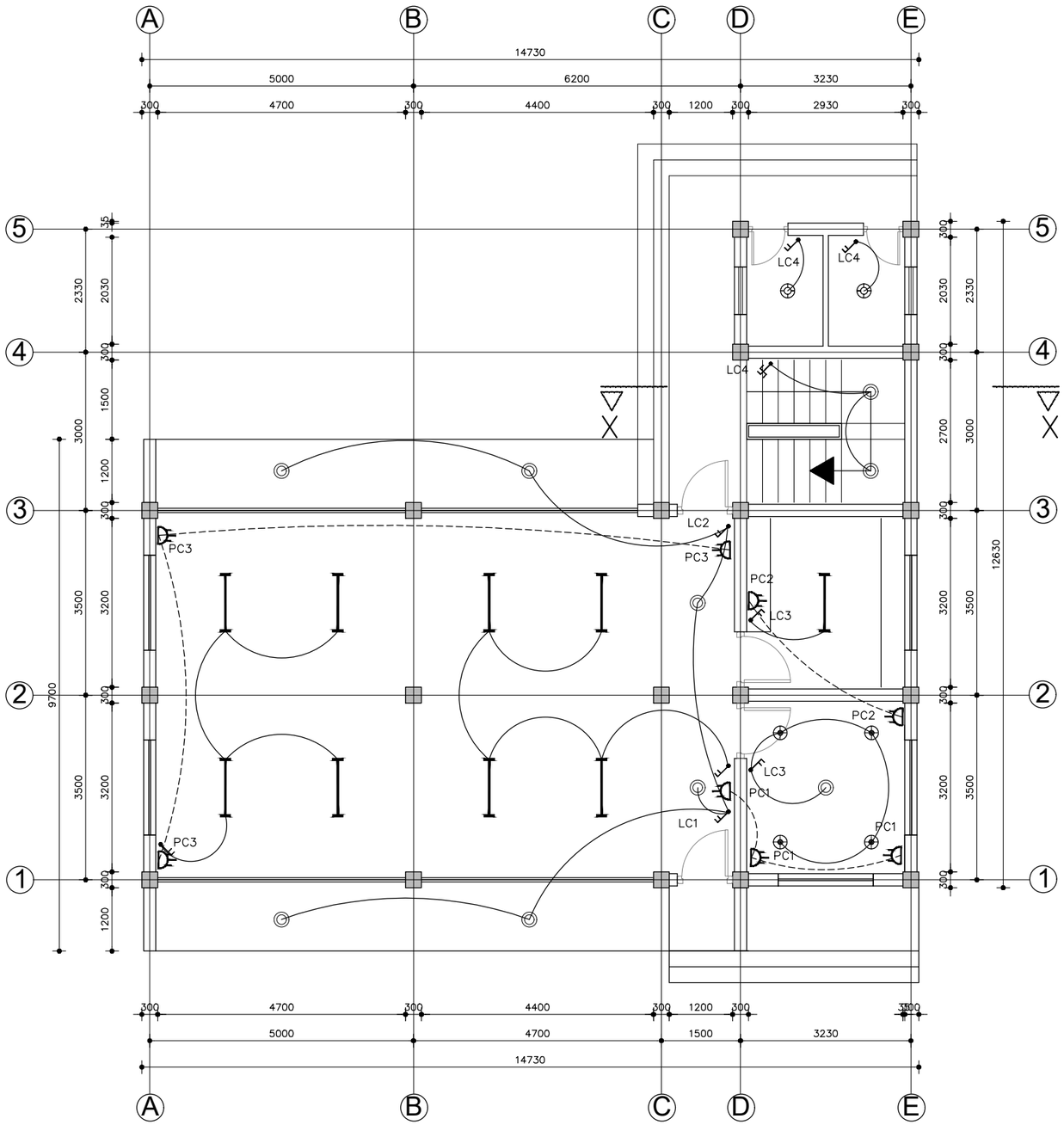
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE L

GROUND FLOOR PLAN

Area: 126.34 sq.ft

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1631	PERMANENT CAMP AND ROADS, TYPE L
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL — CONSULTING ENGINEERS BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING

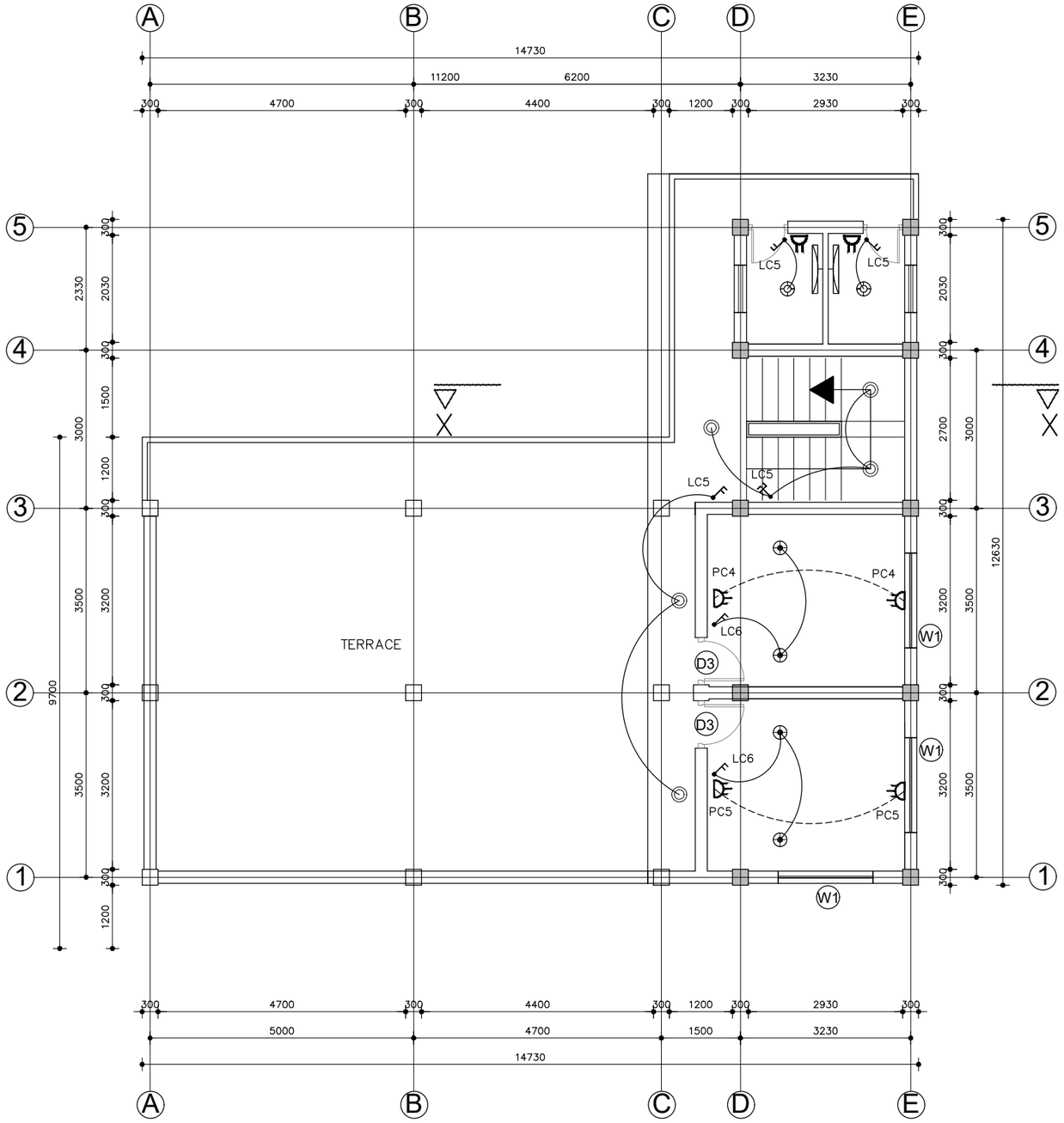
TYPE L

GROUND FLOOR ELECTRICAL PLAN

SHEET 1 OF 3

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1692 | REV. A



TYPE L

FIRST FLOOR PLAN

Area: 49.65 sq.ft

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1631	PERMANENT CAMP AND ROADS, TYPE L
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL — CONSULTING ENGINEERS BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING

TYPE L

FIRST FLOOR ELECTRICAL PLAN

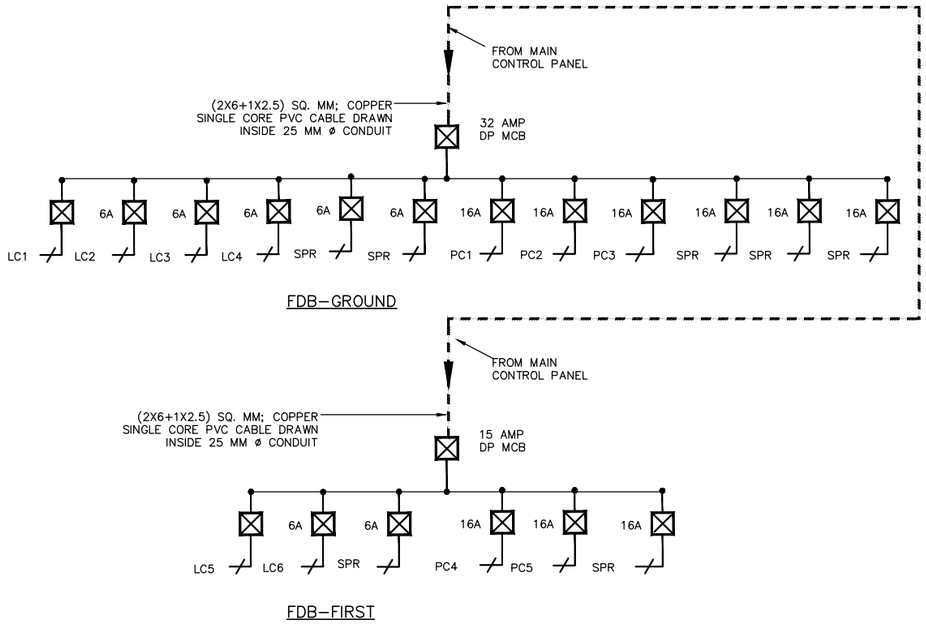
SHEET 2 OF 3

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1692 REV. A

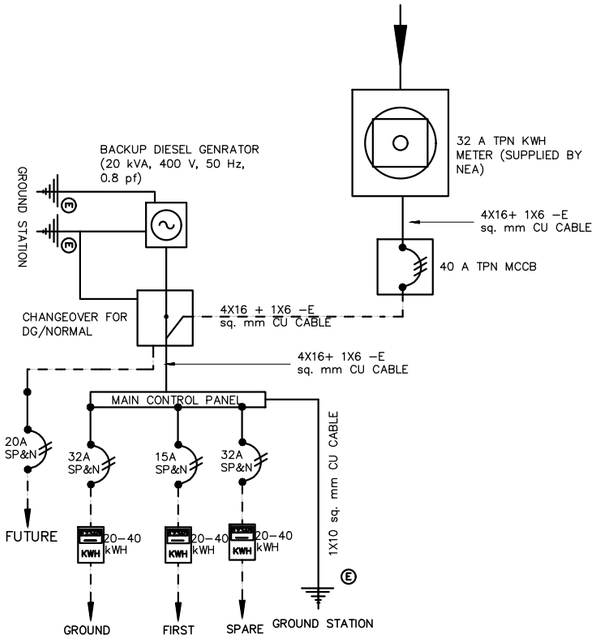
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



FDB–GROUND

FDB–FIRST



SCALE
−1000(mm) 0 1 2 3 4 5 [m]
1:100

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1631	PERMANENT CAMP AND ROADS, TYPE L
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD– File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE L
DISTRIBUTION NETWORKS
SHEET 3 OF 3
PROJECT DRAWING

Drwg. No.: 31–00053–DD–5310– Q 1692 REV. A

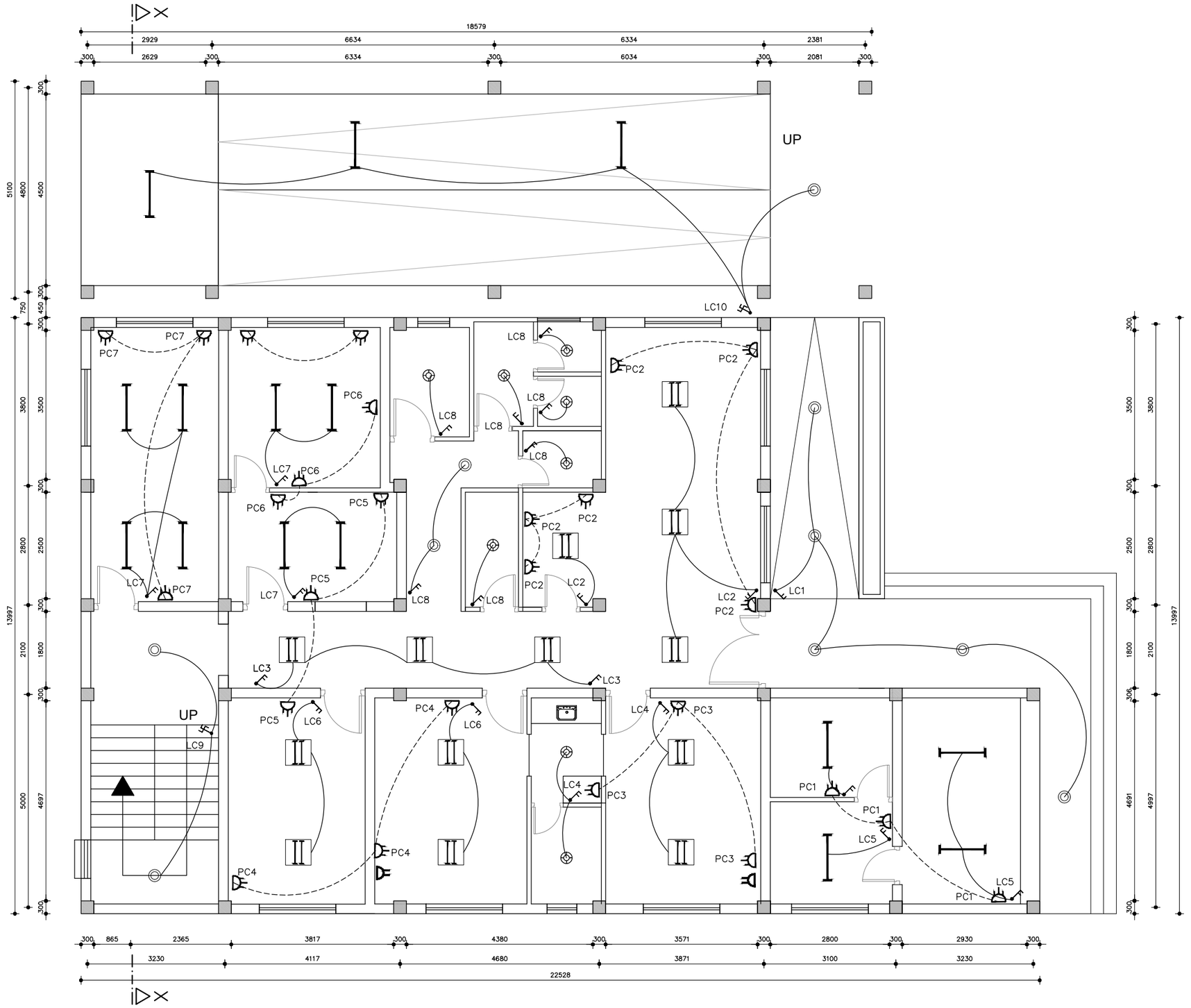
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE



TYPE M

GROUND FLOOR PLAN

AREA: 260.21 m2

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1632	PERMANENT CAMP AND ROADS, TYPE M
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions			
	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING

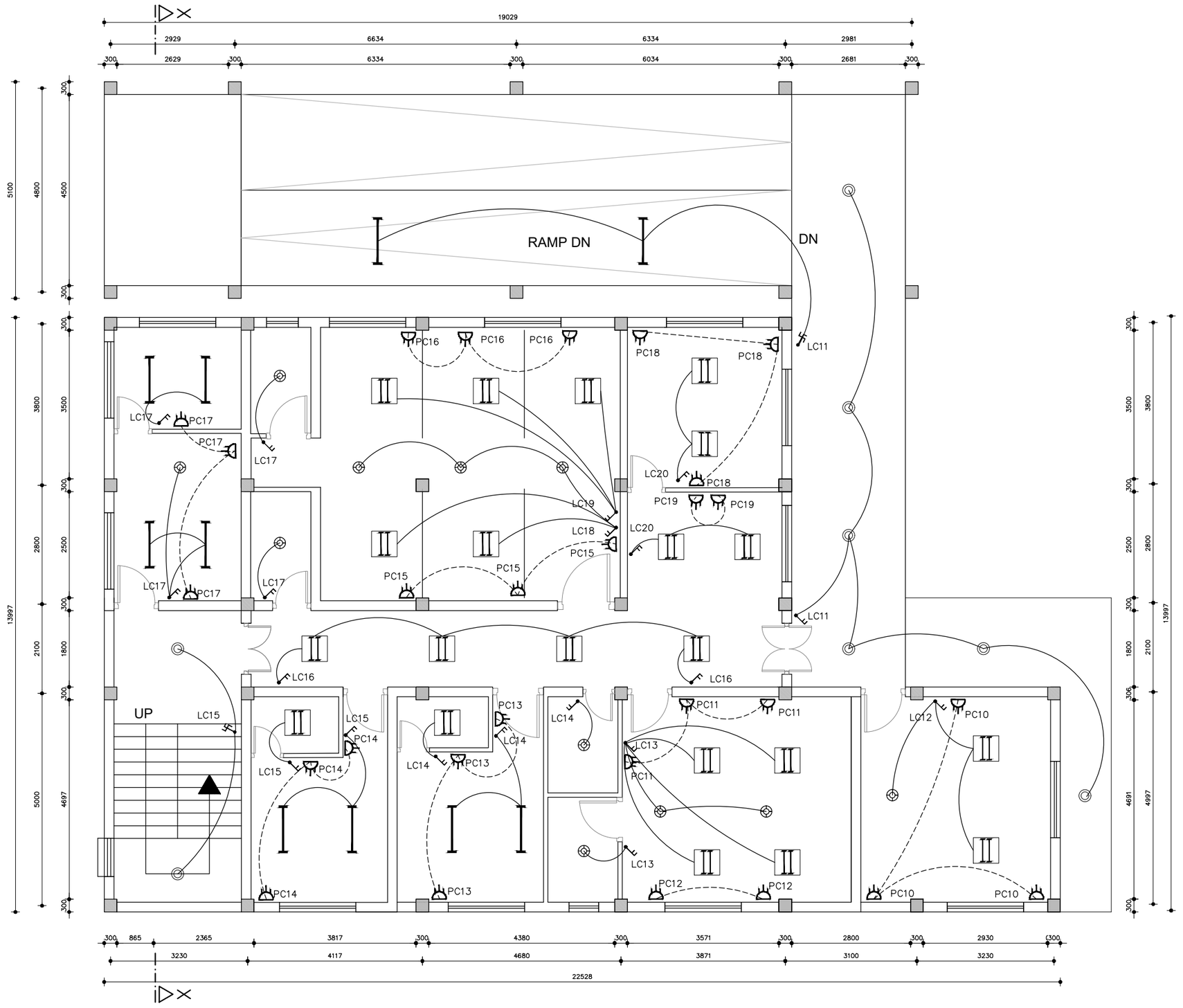
TYPE M

GROUND FLOOR ELECTRICAL DRAWING

SHEET 1 OF 4

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1693 | REV. | A



TYPE M

FIRST FLOOR PLAN

AREA: 260.21 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100

−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1632	PERMANENT CAMP AND ROADS, TYPE M
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN

PERMANENT CAMP AND ROADS

SERVICE BUILDING

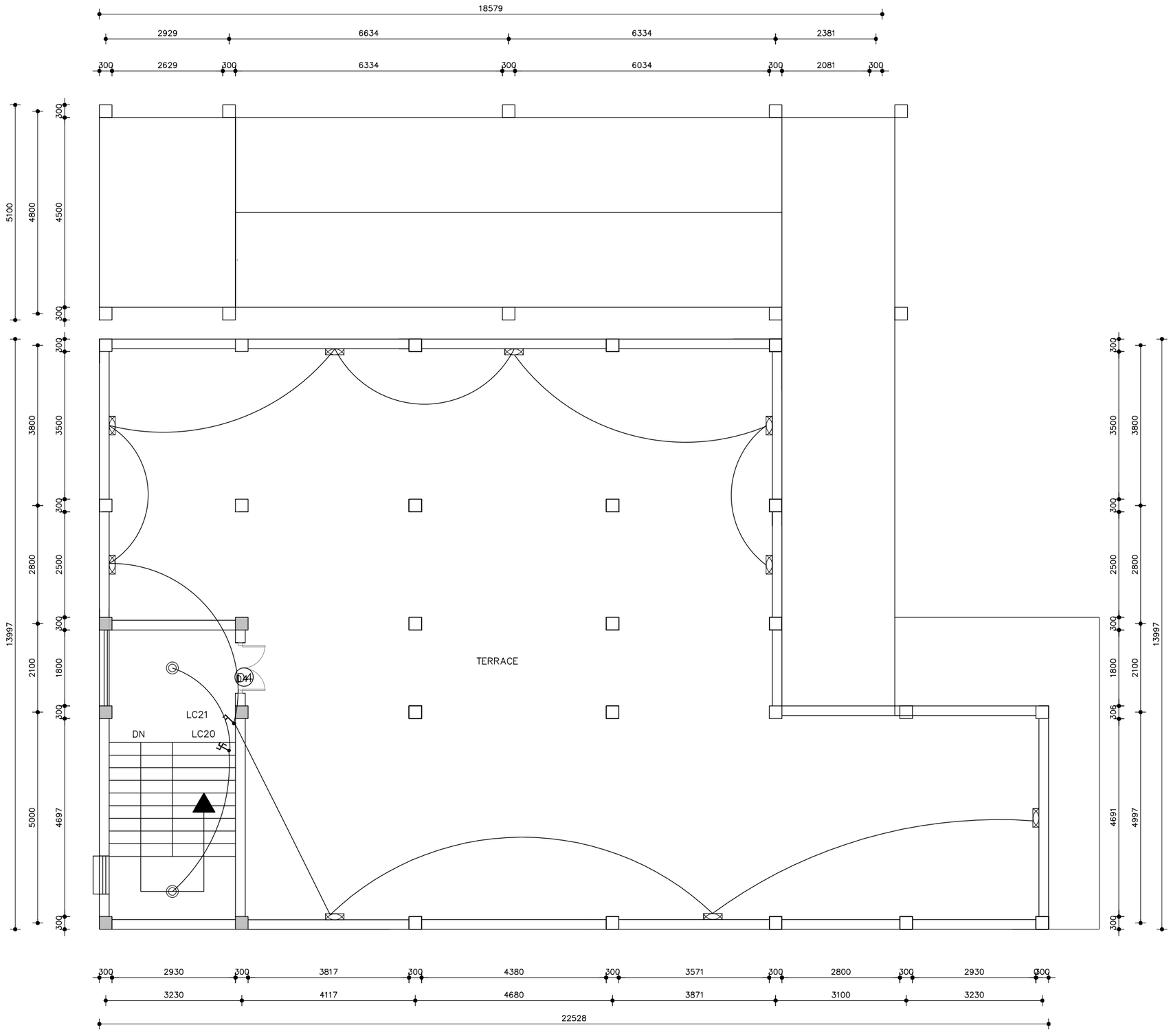
TYPE M

FIRST FLOOR ELECTRICAL DRAWING

SHEET 2 OF 4

PROJECT DRAWING

Drwg. No.: 31−00053−DD−5310− Q 1693 | REV. | A



TYPE M
SECOND FLOOR PLAN

AREA: 260.21 m2

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

LEGEND:

LIGHT CIRCUIT WIRE

POWER CIRCUIT WIRE

SCALE 1:100
−1000(mm) 0 1 2 3 4 5 [m]

Reference Drawings

Drwg. No.	Title
31−00053−DD−5310−Q−1632	PERMANENT CAMP AND ROADS, TYPE M
31−00053−DD−5310−Q−1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	17.08.18
Drawn	A. K. Basu	17.08.18
Checked	Roloff	17.08.18
Approved	Dr. Moeller	17.08.18

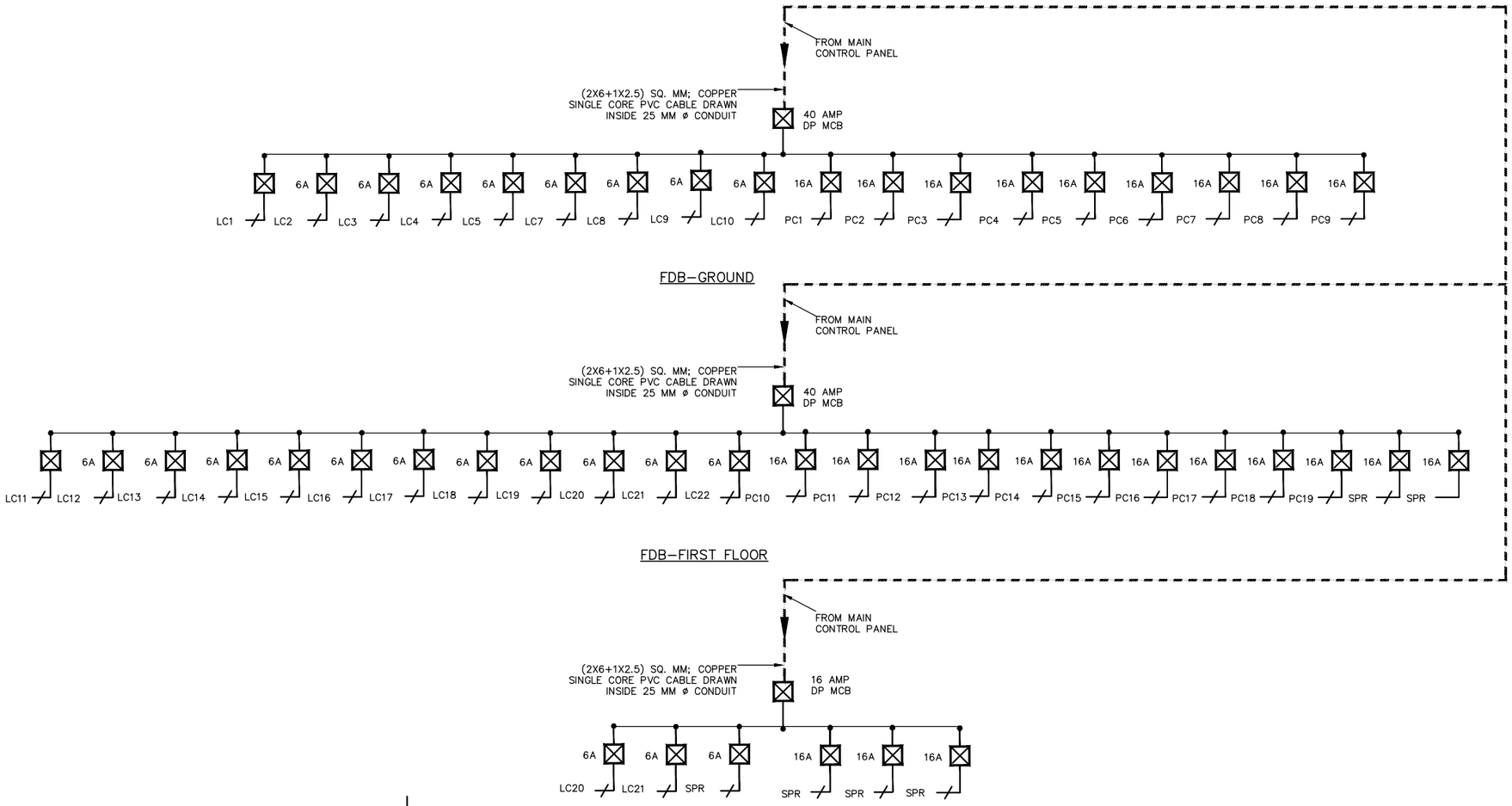
Replaces Drwg. No:

CAD− File No.:

Scale A3: 1:100

DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
SECOND FLOOR ELECTRICAL DRAWING
SHEET 3 OF 4
PROJECT DRAWING

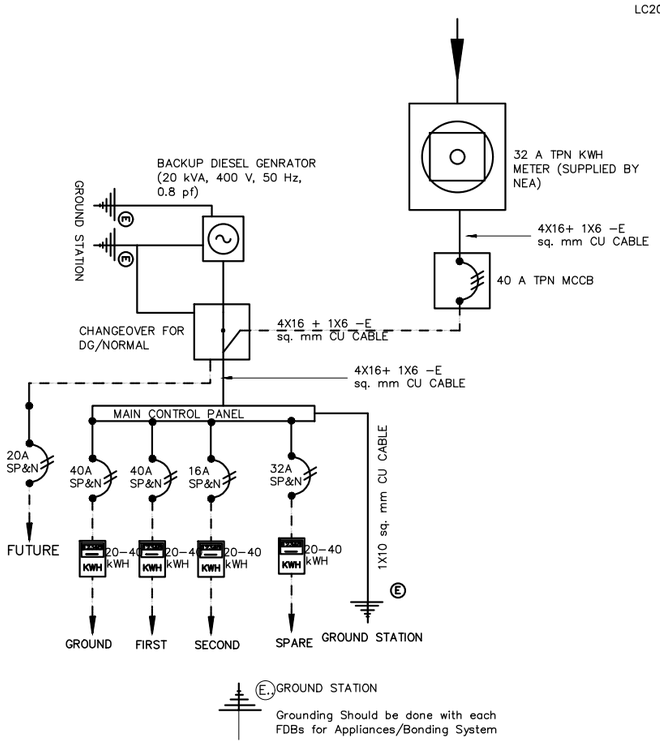
Drwg. No.: 31−00053−DD−5310− Q 1693 REV. A



FDB–GROUND

FDB–FIRST FLOOR

FDB–SECOND FLOOR



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.

Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1632	PERMANENT CAMP AND ROADS, TYPE M
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	05.09.18
Drawn	A. K. Basu	05.09.18
Checked	Roloff	05.09.18
Approved	Dr. Moeller	05.09.18

Replaces Drwg. No:

CAD– File No.:

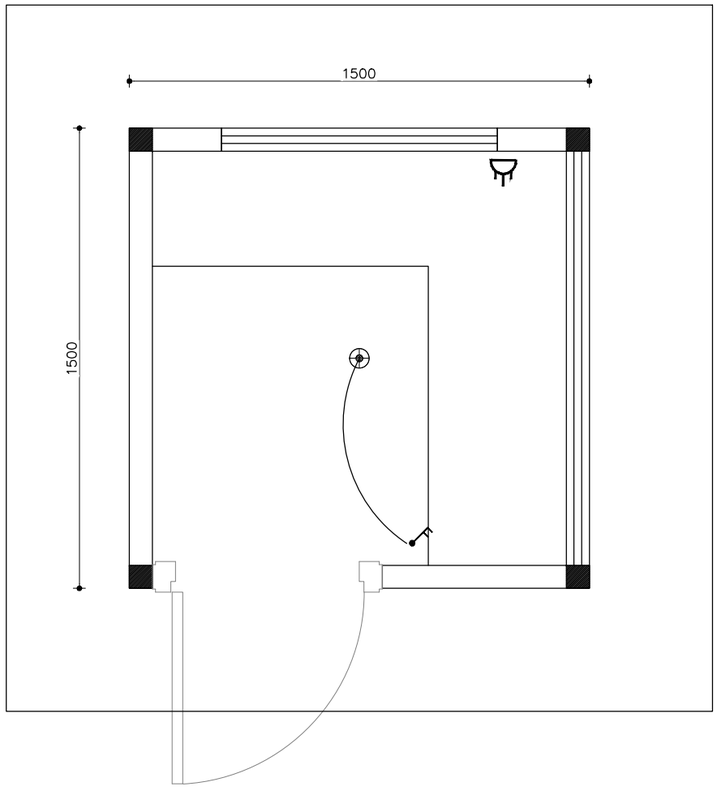
DETAILED DESIGN
PERMANENT CAMP AND ROADS
SERVICE BUILDING
TYPE M
DISTRIBUTION NETWORKS
SHEET 4 OF 4
PROJECT DRAWING

Scale A3: NOT TO SCALE

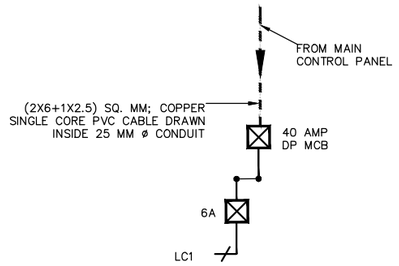
Drwg. No.: 31–00053–DD–5310– Q 1693 REV. A

NOTES:

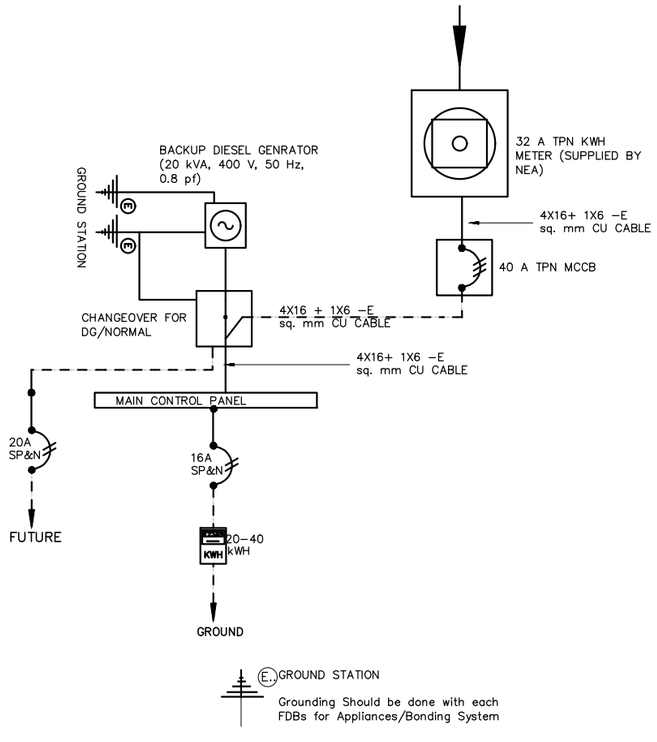
1. ALL DIMENSIONS ARE IN MILLIMETER [mm] UNLESS STATED.



PLAN



FDB–GROUND



Reference Drawings

Drwg. No.	Title
31–00053–DD–5310–Q–1633	PERMANENT CAMP AND ROADS, TYPE N
31–00053–DD–5310–Q–1680	PERMANENT CAMP AND ROADS, LEGEND AND EARTHING DETAILS

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT

DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	PM.Pradhan	05.09.18
Drawn	A. K. Basu	05.09.18
Checked	Roloff	05.09.18
Approved	Dr. Moeller	05.09.18

Replaces Drwg. No:

CAD– File No.:

DETAILED DESIGN

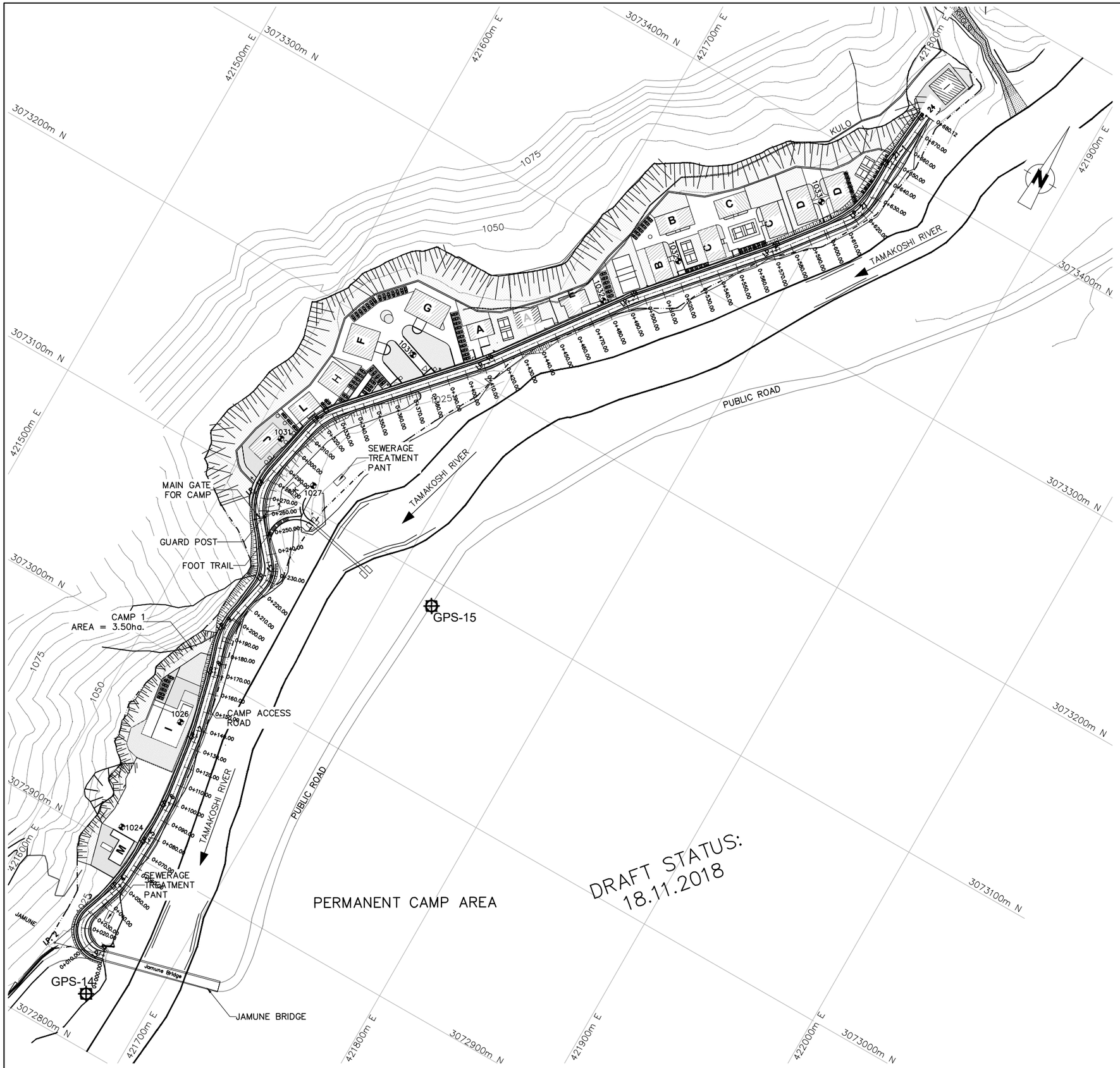
PERMANENT CAMP AND ROADS

SERVICE BUILDING
TYPE N

GROUND FLOOR ELECTRICAL DRAWING
DISTRIBUTION NETWORKS
PROJECT DRAWING

Scale A3: NOT TO SCALE

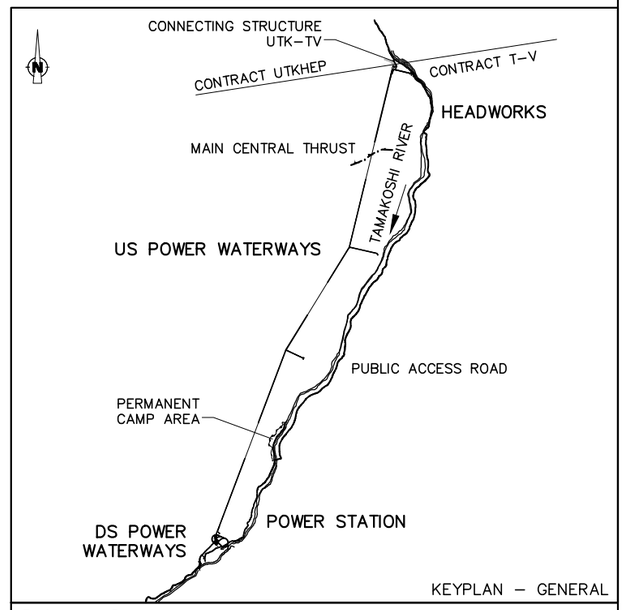
Drwg. No.: 31–00053–DD–5310–Q 1694 REV. A



NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO–ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

SCALE 1:1500
–15 0 15 30 45 60 75 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31–00053–DD–4813–1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD– File No.:

DETAILED DESIGN

PROJECT ROADS

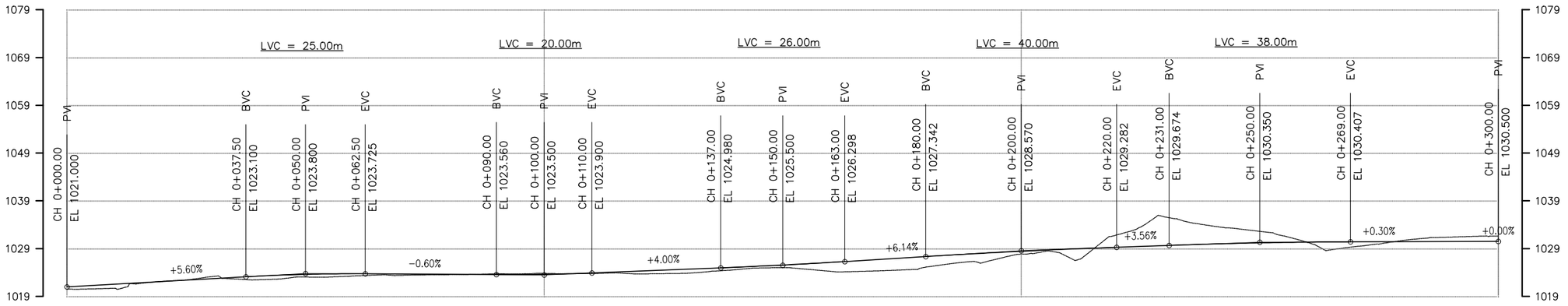
PERMANENT CAMP AREA ROAD

GENERAL LAYOUT

PROJECT DRAWING

Scale A3: 1:2000

Drwg. No.: 31–00053–DD–5310– Q 1697 REV. –



DESIGN LEVEL (m)	1021.000	1021.560	1022.120	1022.680	1023.232	1023.606	1023.732	1023.680	1023.620	1023.560	1023.615	1023.900	1024.300
EXISTING LEVEL (m)	1020.514	1020.704	1022.144	1023.085	1022.480	1023.047	1023.280	1023.407	1023.548	1023.725	1023.802	1023.789	1023.692
CHAINAGE (km)	0+000.00	0+010.00	0+020.00	0+030.00	0+040.00	0+050.00	0+060.00	0+070.00	0+080.00	0+090.00	0+100.00	0+110.00	0+120.00

DESIGN LEVEL (m)	1024.700	1025.104	1025.570	1026.118	1026.728	1027.342	1027.924	1028.441	1028.894	1029.282	1029.638	1029.959	1030.195
EXISTING LEVEL (m)	1023.840	1024.569	1025.015	1024.245	1024.341	1025.121	1026.325	1027.835	1027.163	1031.847	1035.651	1033.749	1032.620
CHAINAGE (km)	0+130.00	0+140.00	0+150.00	0+160.00	0+170.00	0+180.00	0+190.00	0+200.00	0+210.00	0+220.00	0+230.00	0+240.00	0+250.00

DESIGN LEVEL (m)	1030.345	1030.410	1030.440	1030.470	1030.500								
EXISTING LEVEL (m)	1030.316	1029.419	1030.708	1031.410	1031.602								
CHAINAGE (km)	0+260.00	0+270.00	0+280.00	0+290.00	0+300.00								

CHAINAGE : 0+000.00 – 0+300.00

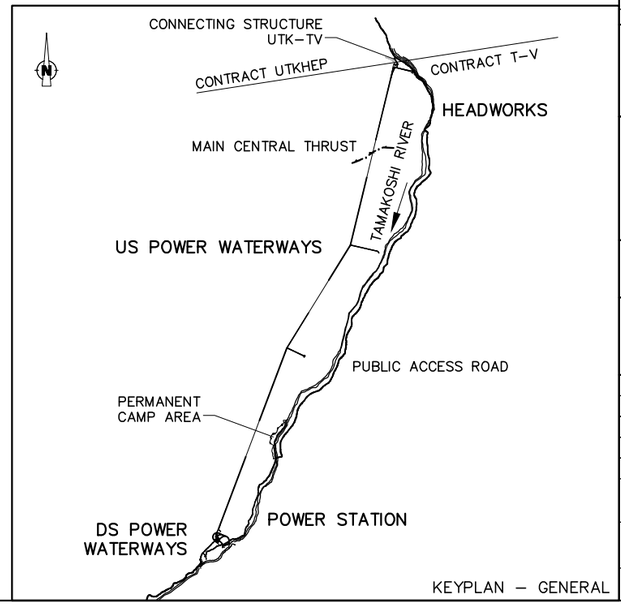
IP.No	CO-ORDINATES(m)		WCB	DIST	DEF. ANG	TAN. LEN.	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING	(D-M-S)	(m)	(D-M-S)	(m)	R (m)	E (m)	LC (m)	BC	MC	EC	IP
0	423494.281	3072837.500	325-56-48	0.000	00-00-00	0.000	0.000	0.000	0.000	0+000.00	0+000.00	0+000.00	0+000.00
2	423479.750	3072859.000	90-38-29	25.950	124-41-34	23.856	12.500	14.432	27.204	0+002.09	0+015.69	0+029.29	0+025.95
4	423524.406	3072858.500	73-49-29	44.659	16-48-58	5.913	40.000	0.435	11.740	0+044.18	0+050.05	0+055.92	0+050.09
5	423551.125	3072866.250	70-11-18	27.820	03-38-17	1.588	50.000	0.025	3.175	0+076.24	0+077.83	0+079.41	0+077.83
6	423571.250	3072873.500	63-05-38	21.391	07-05-35	3.719	60.000	0.115	7.428	0+095.49	0+099.21	0+102.92	0+099.21
7	423604.750	3072890.500	57-31-13	37.567	05-34-29	3.165	65.000	0.077	6.325	0+133.60	0+136.76	0+139.92	0+136.76
8	423633.812	3072909.000	53-17-57	34.451	04-13-21	2.396	65.000	0.044	4.791	0+168.81	0+171.21	0+173.60	0+171.21
9	423652.594	3072923.000	83-10-23	23.426	29-52-26	10.671	40.000	1.399	20.856	0+183.96	0+194.39	0+204.82	0+194.63
12	423688.094	3072927.250	30-47-45	35.754	52-22-47	7.378	15.000	1.716	13.713	0+222.53	0+229.39	0+236.24	0+229.91
14	423710.594	3072965.000	82-51-28	43.947	52-03-52	14.653	30.000	3.387	27.261	0+258.16	0+271.79	0+285.42	0+272.81

SCALE 1:1000
−10 0 10 20 30 40 50 [m]

NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO-ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

DRAFT STATUS:
18.11.2018



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31-00053-DD-4813-1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD- File No.:

DETAILED DESIGN

PROJECT ROADS

CAMP ROAD

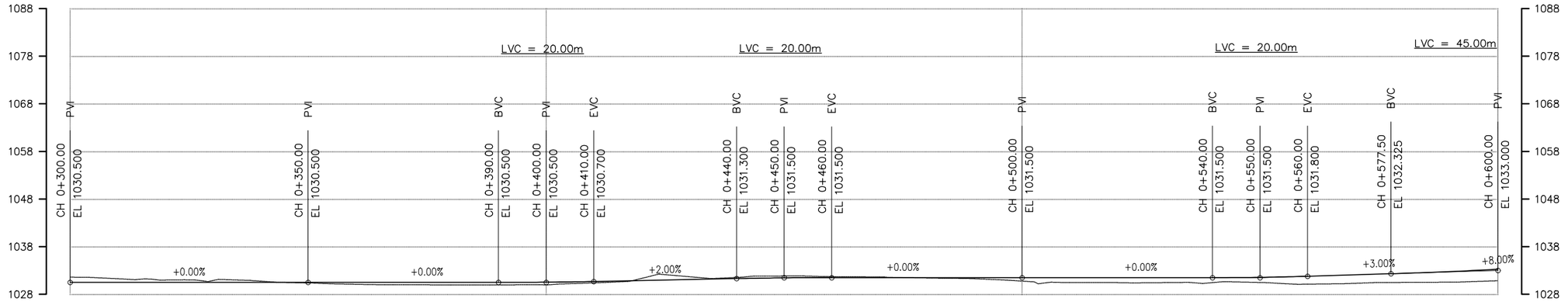
LONGITUDINAL PROFILE

SHEET 1 OF 3

PROJECT DRAWING

Scale A3: 1:1000

Drwg. No.: 31-00053-DD-5310- Q 1698 REV. —



DESIGN LEVEL (m)	1030.500	1030.500	1030.500	1030.500	1030.500	1030.500	1030.500	1030.500	1030.500	1030.500	1030.550	1030.700	1030.900
EXISTING LEVEL (m)	1031.602	1031.266	1030.999	1030.903	1030.769	1030.390	1030.105	1029.992	1029.982	1029.969	1029.965	1030.403	1031.330
CHAINAGE (km)	0+300.00	0+310.00	0+320.00	0+330.00	0+340.00	0+350.00	0+360.00	0+370.00	0+380.00	0+390.00	0+400.00	0+410.00	0+420.00

DESIGN LEVEL (m)	1031.100	1031.300	1031.450	1031.500	1031.500	1031.500	1031.500	1031.500	1031.500	1031.500	1031.500	1031.500	1031.500
EXISTING LEVEL (m)	1031.702	1031.541	1031.850	1031.717	1031.666	1031.423	1031.257	1030.773	1030.487	1030.452	1030.458	1030.453	1030.480
CHAINAGE (km)	0+430.00	0+440.00	0+450.00	0+460.00	0+470.00	0+480.00	0+490.00	0+500.00	0+510.00	0+520.00	0+530.00	0+540.00	0+550.00

DESIGN LEVEL (m)	1031.500	1031.500	1031.500	1031.500	1031.575	1031.800	1032.100	1032.403	1032.787	1033.281			
EXISTING LEVEL (m)	1031.500	1031.130	1030.313	1030.496	1030.549	1030.854							
CHAINAGE (km)	0+560.00	0+570.00	0+580.00	0+590.00	0+600.00								

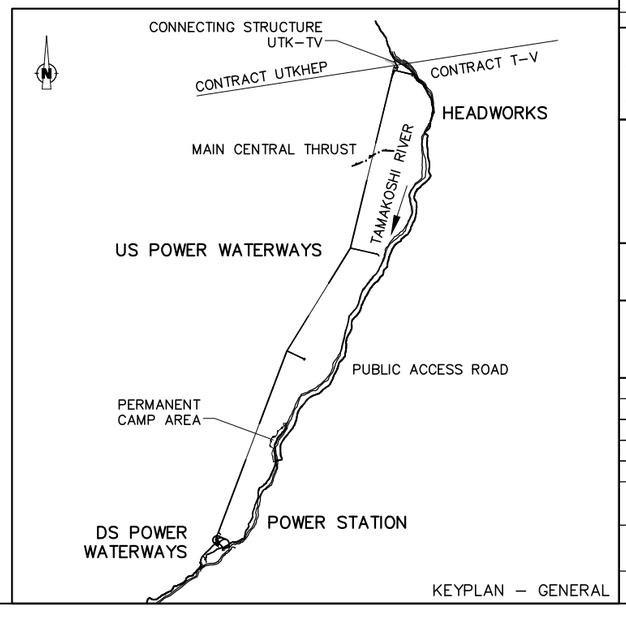
CHAINAGE : 0+300.00 – 0+600.00

IP.No	CO-ORDINATES(m) EASTING	CO-ORDINATES(m) NORTHING	WCB (D-M-S)	DIST (m)	DEF. ANG (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA R (m)	SIMPLE CURVE DATA E (m)	SIMPLE CURVE DATA LC (m)	CHAINAGE BC	CHAINAGE MC	CHAINAGE EC	CHAINAGE IP
17	423762.469	3072971.500	113-24-46	52.281	30-33-21	10.926	40.000	1.465	21.332	0+312.12	0+322.79	0+333.45	0+323.05
18	423845.031	3072935.750	107-40-15	89.970	05-44-27	3.510	70.000	0.088	7.014	0+408.98	0+412.49	0+415.99	0+412.49
19	423922.719	3072911.000	112-12-37	81.535	04-32-16	2.575	65.000	0.051	5.148	0+491.44	0+494.02	0+496.59	0+494.02
20	423994.969	3072881.500	108-50-53	78.040	03-21-47	1.908	65.000	0.028	3.816	0+570.15	0+572.06	0+573.97	0+572.06

NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO-ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

DRAFT STATUS:
18.11.2018



KEYPLAN – GENERAL

SCALE 1:1000
–10 0 10 20 30 40 50 [m]

Reference Drawings

Drwg. No.	Title
31-00053-DD-4813-1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions

	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD- File No.:

DETAILED DESIGN

PROJECT ROADS

CAMP ROAD

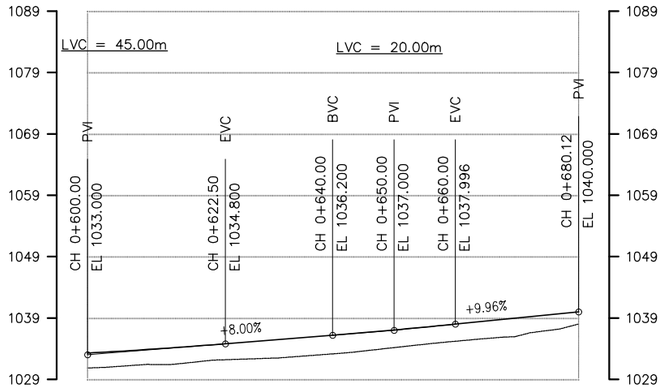
LONGITUDINAL PROFILE

SHEET 2 OF 3

PROJECT DRAWING

Scale A3: 1:1000

Drwg. No.: 31-00053-DD-5310-Q 1698 REV. –



DESIGN LEVEL (m)	1033.281	1033.887	1034.603	1035.400	1036.200	1037.049	1037.996	1038.992	1039.988			
EXISTING LEVEL (m)	1030.854	1031.433	1032.086	1032.450	1033.155	1034.174	1035.208	1036.030	1037.984			
CHAINAGE (km)	0+600.00	0+610.00	0+620.00	0+630.00	0+640.00	0+650.00	0+660.00	0+670.00	0+680.00			

CHAINAGE : 0+600.00 – 0+680.12

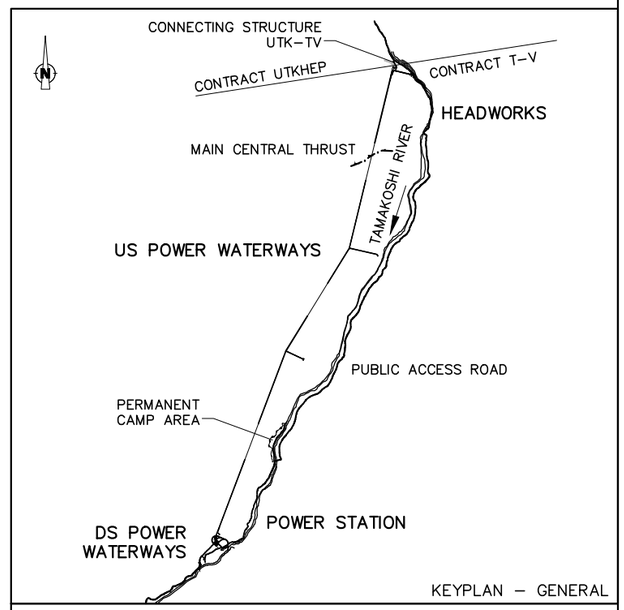
IP.No	CO-ORDINATES(m)		WCB (D-M-S)	DIST (m)	DEF. ANG (D-M-S)	TAN. LEN. (m)	SIMPLE CURVE DATA			CHAINAGE			
	EASTING	NORTHING					R (m)	E (m)	LC (m)	BC	MC	EC	IP
21	424040.375	3072866.000	71-51-42	47.979	36-59-03	10.033	30.000	1.633	19.365	0+610.01	0+619.70	0+629.38	0+620.04
21-1	424069.375	3072875.500	76-37-25	30.516	04-45-40	2.702	65.000	0.056	5.402	0+647.16	0+649.86	0+652.56	0+649.86
24	424098.812	3072882.500	00-00-00	30.258	00-00-00	0.000	0.000	0.000	0.000	0+680.12	0+680.12	0+680.12	0+680.12

DRAFT STATUS:
18.11.2018

NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO-ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

SCALE 1:1000
−10 0 10 20 30 40 50 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31-00053-DD-4813-1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD- File No.:

Scale A3: 1:1000

DETAILED DESIGN

PROJECT ROADS

CAMP ROAD

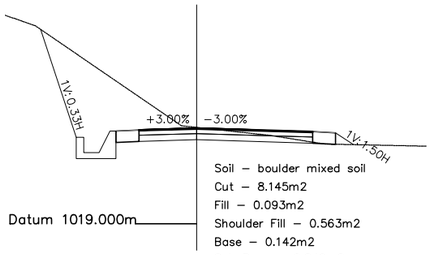
LONGITUDINAL PROFILE

SHEET 3 OF 3

PROJECT DRAWING

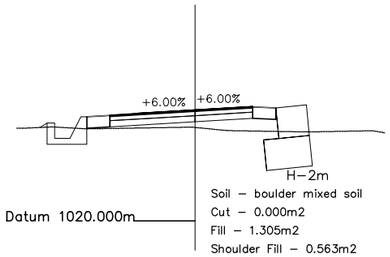
Drwg. No.: 31-00053-DD-5310- Q 1698 REV. –

CH 0+020.00
GL 1022.144 m
DL 1022.120m



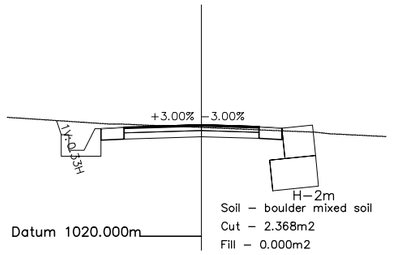
Soil – boulder mixed soil
Cut – 8.145m2
Fill – 0.093m2
Shoulder Fill – 0.563m2
Base – 0.142m2
Sub Base – 0.849m2
Sub Grade – 1.132m2

CH 0+050.00
GL 1023.047 m
DL 1023.606m



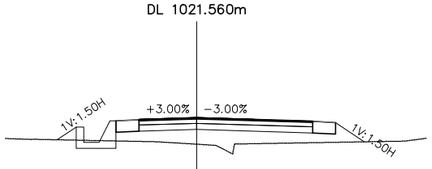
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 1.305m2
Shoulder Fill – 0.563m2
Str. Cut – 2.053m2
Back Fill – 0.388m2
Base – 0.117m2
Sub Base – 0.699m2
Sub Grade – 0.932m2

CH 0+080.00
GL 1023.548 m
DL 1023.620m



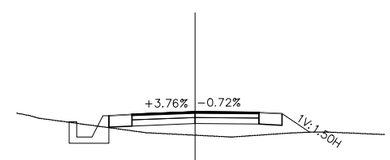
Soil – boulder mixed soil
Cut – 2.368m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Str. Cut – 3.463m2
Back Fill – 0.915m2
Base – 0.110m2
Sub Base – 0.660m2
Sub Grade – 0.880m2

CH 0+010.00
GL 1020.704 m
DL 1021.560m



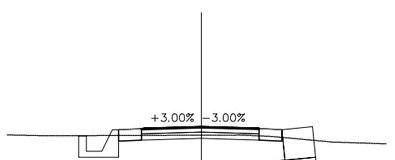
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 3.333m2
Shoulder Fill – 0.563m2
Base – 0.142m2
Sub Base – 0.849m2
Sub Grade – 1.132m2

CH 0+040.00
GL 1022.480 m
DL 1023.232m



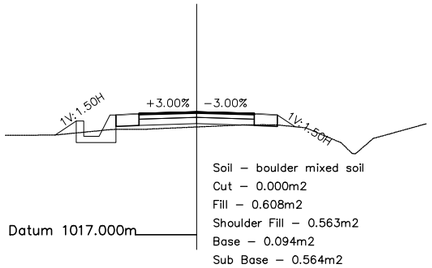
Soil – boulder mixed soil
Cut – 0.003m2
Fill – 1.995m2
Shoulder Fill – 0.563m2
Base – 0.104m2
Sub Base – 0.621m2
Sub Grade – 0.828m2

CH 0+070.00
GL 1023.407 m
DL 1023.680m



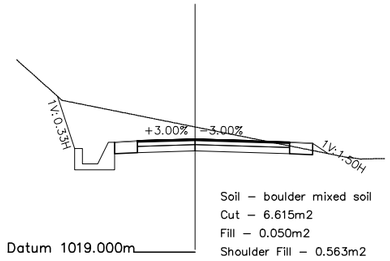
Soil – boulder mixed soil
Cut – 0.625m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Str. Cut – 3.043m2
Back Fill – 0.803m2
Base – 0.096m2
Sub Base – 0.575m2
Sub Grade – 0.766m2

CH 0+000.00
GL 1020.514 m
DL 1021.000m



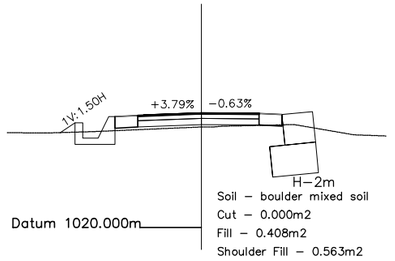
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 0.608m2
Shoulder Fill – 0.563m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+030.00
GL 1023.085 m
DL 1022.680m



Soil – boulder mixed soil
Cut – 6.615m2
Fill – 0.050m2
Shoulder Fill – 0.563m2
Base – 0.124m2
Sub Base – 0.744m2
Sub Grade – 0.992m2

CH 0+060.00
GL 1023.280 m
DL 1023.732m

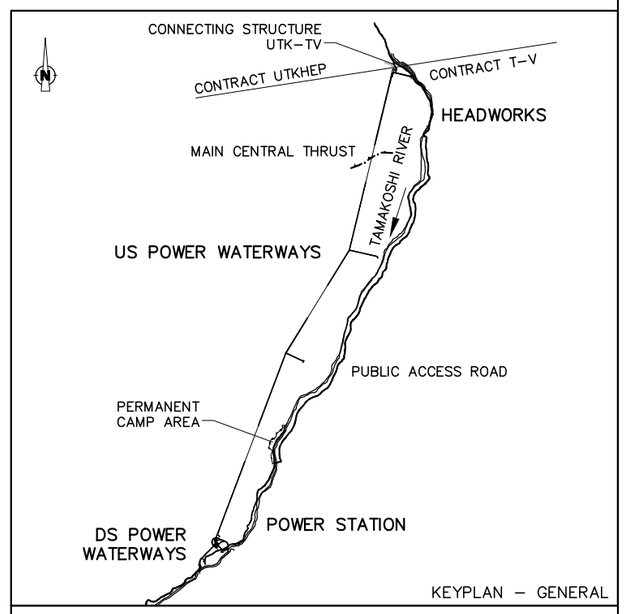


Soil – boulder mixed soil
Cut – 0.000m2
Fill – 0.408m2
Shoulder Fill – 0.563m2
Str. Cut – 2.870m2
Back Fill – 0.763m2
Base – 0.099m2
Sub Base – 0.593m2
Sub Grade – 0.790m2

DRAFT STATUS:
18.11.2018

NOTES:
1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO–ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

SCALE 1:200
–2 0 2 4 6 8 10 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31–00053–DD–4813–1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD– File No.:

DETAILED DESIGN

PROJECT ROADS

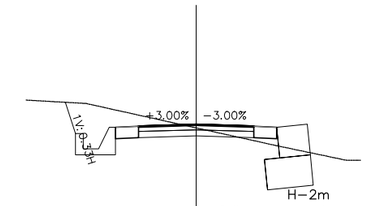
CAMP ROAD

CROSS SECTION
CH 0+000.00–0+080.00
SHEET 1 OF 8
PROJECT DRAWING

Scale A3: 1:200

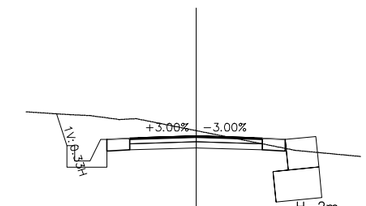
Drwg. No.: 31–00053–DD–5310– Q 1699 REV. –

CH 0+110.00
GL 1023.789 m
DL 1023.900m



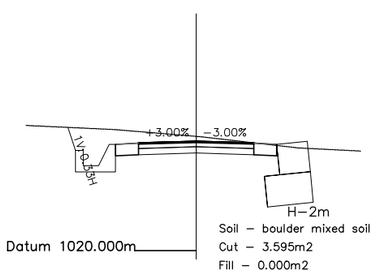
Soil – boulder mixed soil
Cut – 2.980m2
Fill – 0.160m2
Shoulder Fill – 0.563m2
Str. Cut – 2.238m2
Back Fill – 0.513m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+100.00
GL 1023.802 m
DL 1023.615m



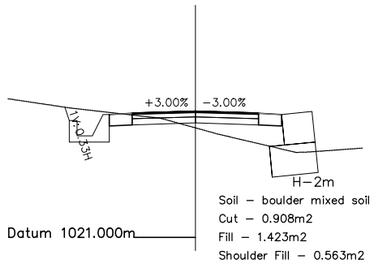
Soil – boulder mixed soil
Cut – 4.658m2
Fill – 0.008m2
Shoulder Fill – 0.563m2
Str. Cut – 2.955m2
Back Fill – 0.785m2
Base – 0.108m2
Sub Base – 0.648m2
Sub Grade – 0.864m2

CH 0+090.00
GL 1023.725 m
DL 1023.560m



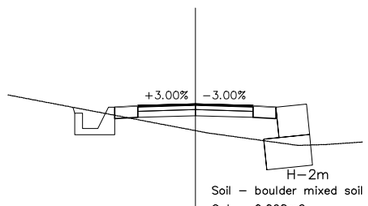
Soil – boulder mixed soil
Cut – 3.595m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Str. Cut – 3.530m2
Back Fill – 0.915m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+140.00
GL 1024.569 m
DL 1025.104m



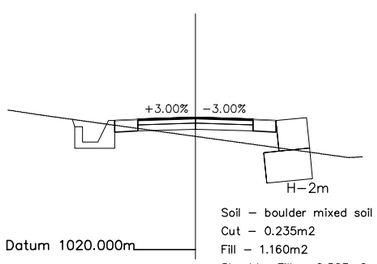
Soil – boulder mixed soil
Cut – 0.908m2
Fill – 1.423m2
Shoulder Fill – 0.563m2
Str. Cut – 1.315m2
Back Fill – 0.123m2
Base – 0.103m2
Sub Base – 0.618m2
Sub Grade – 0.824m2

CH 0+130.00
GL 1023.840 m
DL 1024.700m



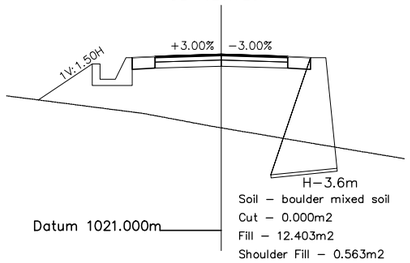
Soil – boulder mixed soil
Cut – 0.068m2
Fill – 2.213m2
Shoulder Fill – 0.563m2
Str. Cut – 1.268m2
Back Fill – 0.115m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+120.00
GL 1023.692 m
DL 1024.300m



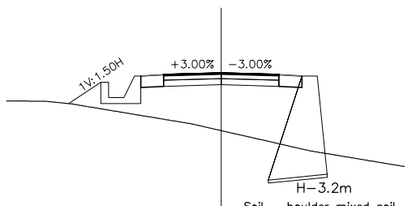
Soil – boulder mixed soil
Cut – 0.235m2
Fill – 1.160m2
Shoulder Fill – 0.563m2
Str. Cut – 1.753m2
Back Fill – 0.273m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+170.00
GL 1024.341 m
DL 1026.728m



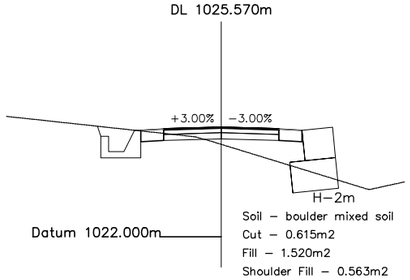
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 12.403m2
Shoulder Fill – 0.563m2
Str. Cut – 2.545m2
Back Fill – 0.513m2
Base – 0.108m2
Sub Base – 0.648m2
Sub Grade – 0.864m2

CH 0+160.00
GL 1024.245 m
DL 1026.118m



Soil – boulder mixed soil
Cut – 0.000m2
Fill – 7.830m2
Shoulder Fill – 0.563m2
Str. Cut – 2.270m2
Back Fill – 0.510m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+150.00
GL 1025.015 m
DL 1025.570m

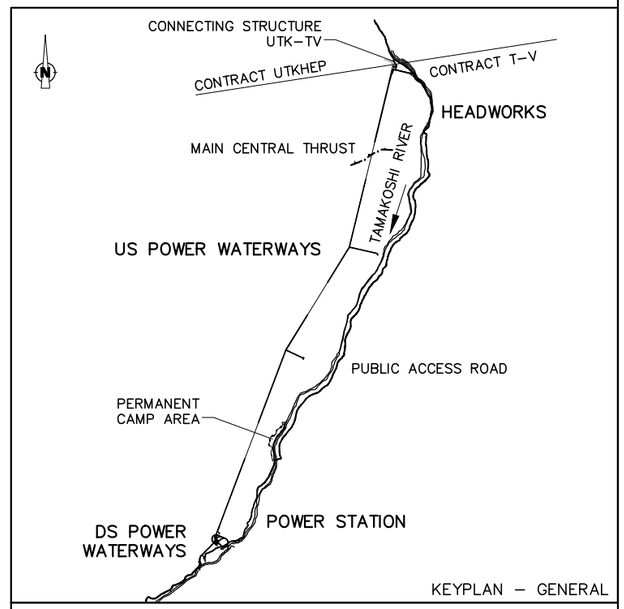


Soil – boulder mixed soil
Cut – 0.615m2
Fill – 1.520m2
Shoulder Fill – 0.563m2
Str. Cut – 0.925m2
Back Fill – 0.058m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

DRAFT STATUS:
18.11.2018

NOTES:
1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO−ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

SCALE 1: 200
−2 0 2 4 6 8 10 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31−00053−DD−4813−1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions	Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD− File No.:

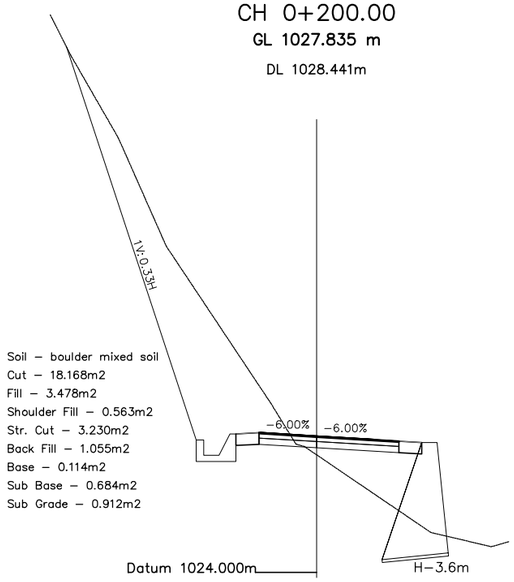
DETAILED DESIGN
PROJECT ROADS
CAMP ROAD
CROSS SECTION
CH 0+090.00−0+170.00
SHEET 2 OF 8
PROJECT DRAWING

Scale A3: 1: 200

Drwg. No.: 31−00053−DD−5310− Q 1699 REV. −

CH 0+200.00
GL 1027.835 m

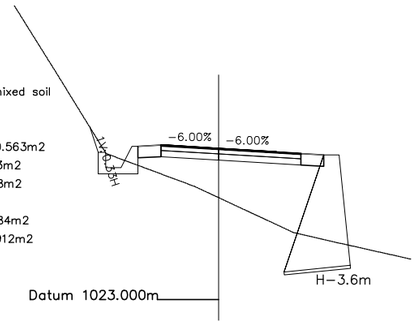
DL 1028.441m



Soil – boulder mixed soil
Cut – 18.168m2
Fill – 3.478m2
Shoulder Fill – 0.563m2
Str. Cut – 3.230m2
Back Fill – 1.055m2
Base – 0.114m2
Sub Base – 0.684m2
Sub Grade – 0.912m2

CH 0+190.00
GL 1026.325 m

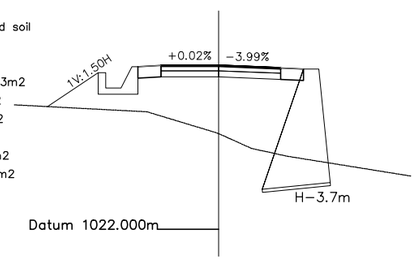
DL 1027.924m



Soil – boulder mixed soil
Cut – 0.093m2
Fill – 7.268m2
Shoulder Fill – 0.563m2
Str. Cut – 2.683m2
Back Fill – 0.618m2
Base – 0.114m2
Sub Base – 0.684m2
Sub Grade – 0.912m2

CH 0+180.00
GL 1025.121 m

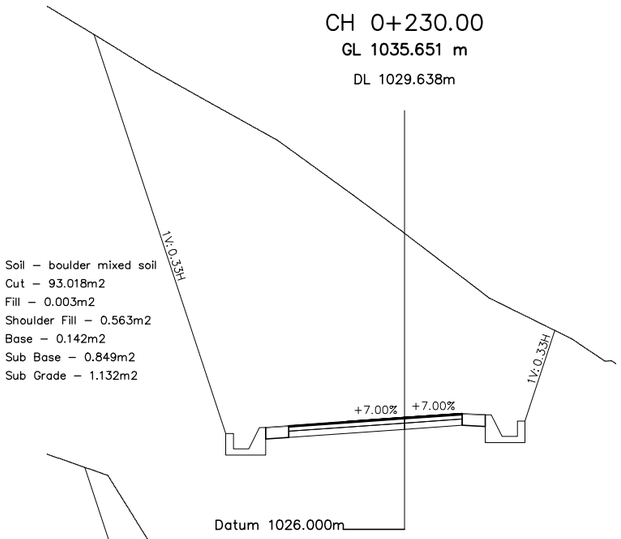
DL 1027.342m



Soil – boulder mixed soil
Cut – 0.000m2
Fill – 10.368m2
Shoulder Fill – 0.563m2
Str. Cut – 2.525m2
Back Fill – 0.505m2
Base – 0.098m2
Sub Base – 0.585m2
Sub Grade – 0.780m2

CH 0+230.00
GL 1035.651 m

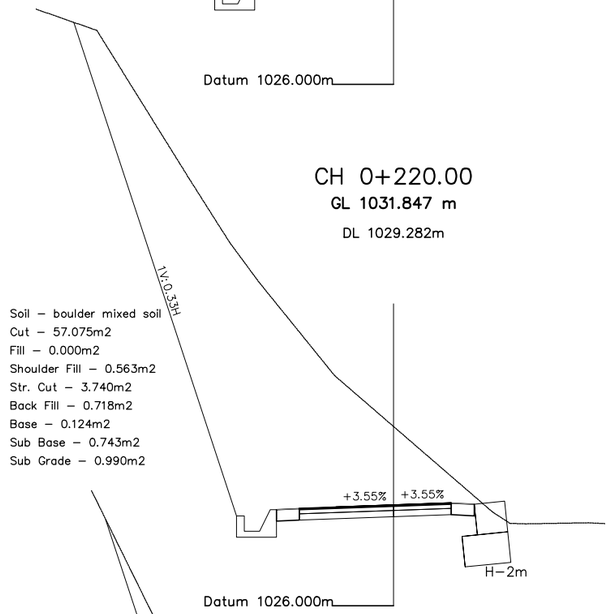
DL 1029.638m



Soil – boulder mixed soil
Cut – 93.018m2
Fill – 0.003m2
Shoulder Fill – 0.563m2
Base – 0.142m2
Sub Base – 0.849m2
Sub Grade – 1.132m2

CH 0+220.00
GL 1031.847 m

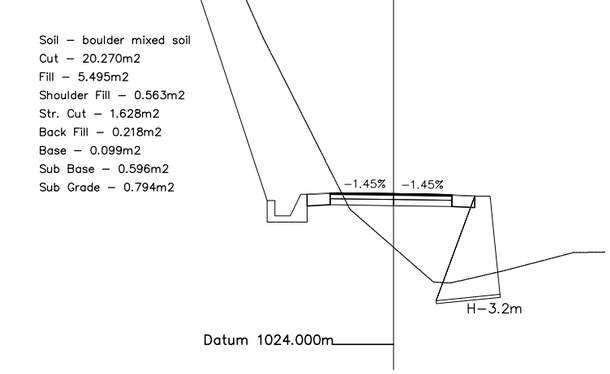
DL 1029.282m



Soil – boulder mixed soil
Cut – 57.075m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Str. Cut – 3.740m2
Back Fill – 0.718m2
Base – 0.124m2
Sub Base – 0.743m2
Sub Grade – 0.990m2

CH 0+210.00
GL 1027.163 m

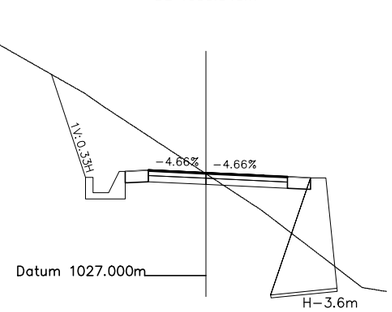
DL 1028.894m



Soil – boulder mixed soil
Cut – 20.270m2
Fill – 5.495m2
Shoulder Fill – 0.563m2
Str. Cut – 1.628m2
Back Fill – 0.218m2
Base – 0.099m2
Sub Base – 0.596m2
Sub Grade – 0.794m2

CH 0+260.00
GL 1030.316 m

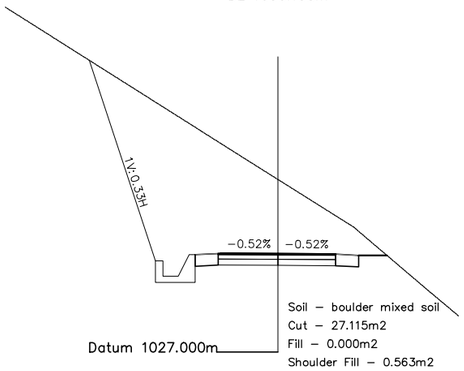
DL 1030.345m



Soil – boulder mixed soil
Cut – 7.483m2
Fill – 1.900m2
Shoulder Fill – 0.563m2
Str. Cut – 4.503m2
Back Fill – 1.725m2
Base – 0.114m2
Sub Base – 0.681m2
Sub Grade – 0.908m2

CH 0+250.00
GL 1032.620 m

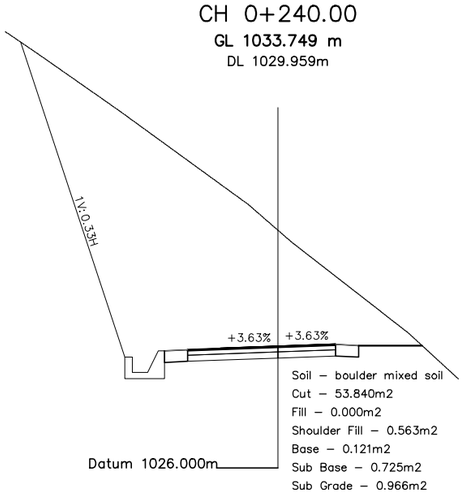
DL 1030.195m



Soil – boulder mixed soil
Cut – 27.115m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Base – 0.096m2
Sub Base – 0.575m2
Sub Grade – 0.766m2

CH 0+240.00
GL 1033.749 m

DL 1029.959m



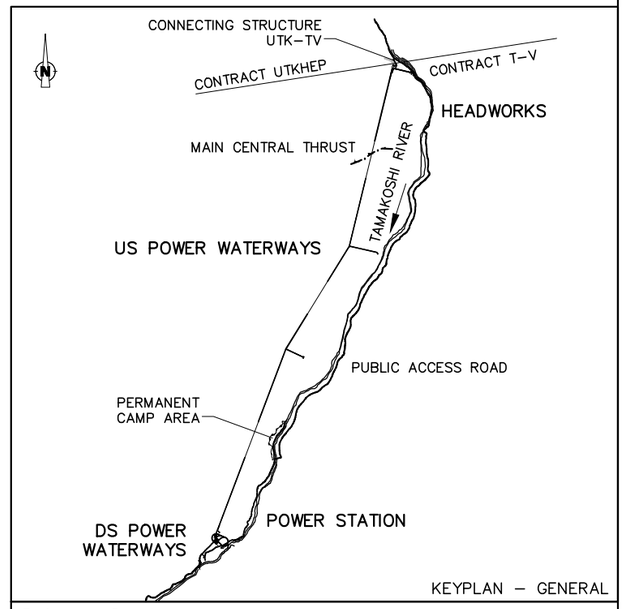
Soil – boulder mixed soil
Cut – 53.840m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Base – 0.121m2
Sub Base – 0.725m2
Sub Grade – 0.966m2

NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO−ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

DRAFT STATUS:
18.11.2018

SCALE 1: 200
−2 0 2 4 6 8 10 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31−00053−DD−4813−1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD− File No.:

DETAILED DESIGN

PROJECT ROADS

CAMP ROAD

CROSS SECTION
CH 0+180.00−0+260.00

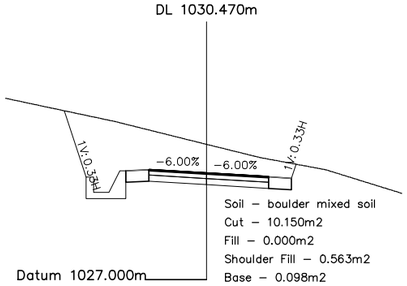
SHEET 3 OF 8
PROJECT DRAWING

Scale A3: 1: 200

Drwg. No.: 31−00053−DD−5310− Q 1699 REV. −

CH 0+290.00
GL 1031.410 m

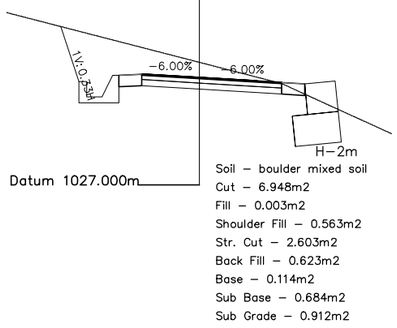
DL 1030.470m



Soil – boulder mixed soil
Cut – 10.150m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Base – 0.098m2
Sub Base – 0.585m2
Sub Grade – 0.780m2

CH 0+320.00
GL 1030.999 m

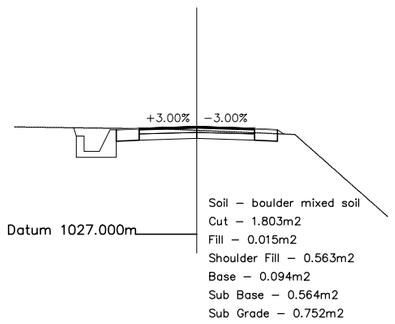
DL 1030.500m



Soil – boulder mixed soil
Cut – 6.948m2
Fill – 0.003m2
Shoulder Fill – 0.563m2
Str. Cut – 2.603m2
Back Fill – 0.623m2
Base – 0.114m2
Sub Base – 0.684m2
Sub Grade – 0.912m2

CH 0+350.00
GL 1030.390 m

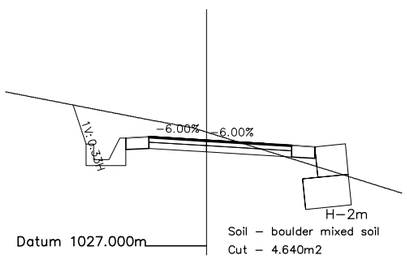
DL 1030.500m



Soil – boulder mixed soil
Cut – 1.803m2
Fill – 0.015m2
Shoulder Fill – 0.563m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+280.00
GL 1030.708 m

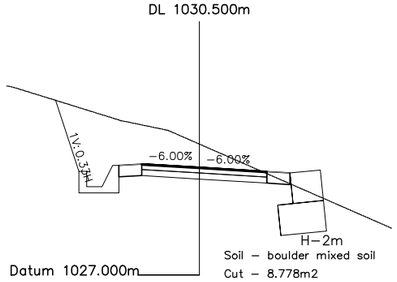
DL 1030.440m



Soil – boulder mixed soil
Cut – 4.640m2
Fill – 0.118m2
Shoulder Fill – 0.563m2
Str. Cut – 2.120m2
Back Fill – 0.475m2
Base – 0.117m2
Sub Base – 0.699m2
Sub Grade – 0.932m2

CH 0+310.00
GL 1031.266 m

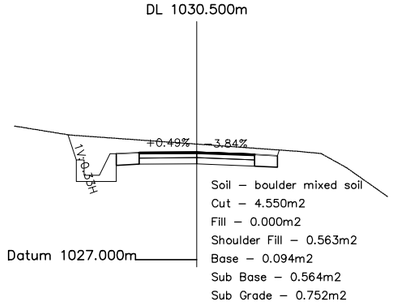
DL 1030.500m



Soil – boulder mixed soil
Cut – 8.778m2
Fill – 0.008m2
Shoulder Fill – 0.563m2
Str. Cut – 2.580m2
Back Fill – 0.625m2
Base – 0.102m2
Sub Base – 0.612m2
Sub Grade – 0.816m2

CH 0+340.00
GL 1030.769 m

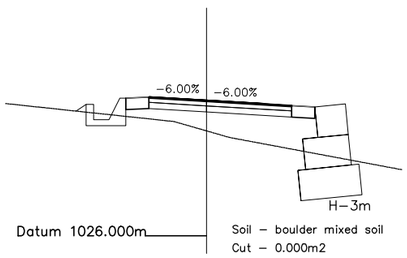
DL 1030.500m



Soil – boulder mixed soil
Cut – 4.550m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+270.00
GL 1029.419 m

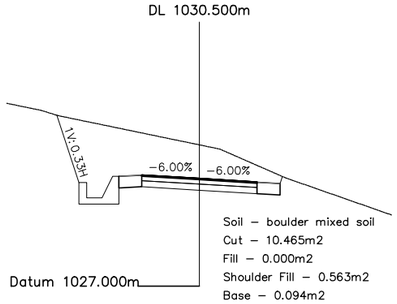
DL 1030.410m



Soil – boulder mixed soil
Cut – 0.000m2
Fill – 4.193m2
Shoulder Fill – 0.563m2
Str. Cut – 3.068m2
Back Fill – 0.503m2
Base – 0.117m2
Sub Base – 0.699m2
Sub Grade – 0.932m2

CH 0+300.00
GL 1031.602 m

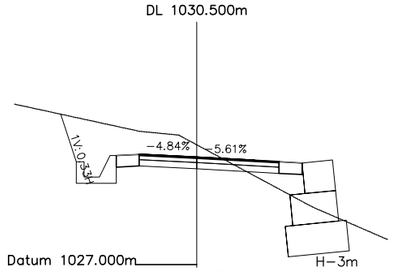
DL 1030.500m



Soil – boulder mixed soil
Cut – 10.465m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+330.00
GL 1030.903 m

DL 1030.500m



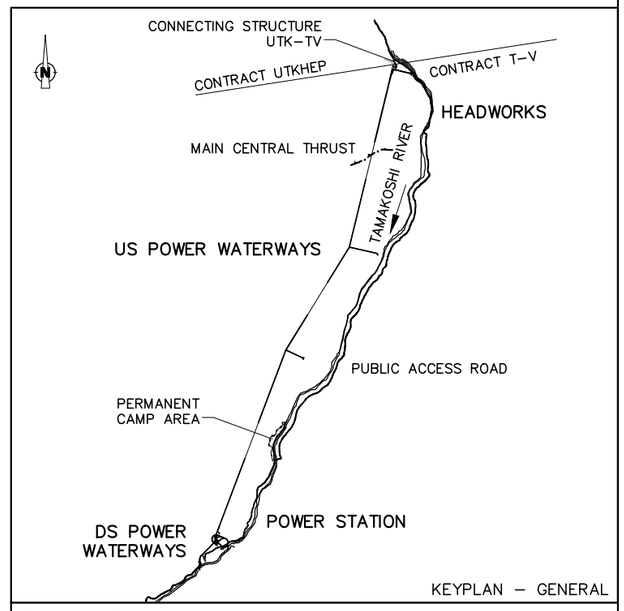
Soil – boulder mixed soil
Cut – 5.425m2
Fill – 0.783m2
Shoulder Fill – 0.563m2
Str. Cut – 3.433m2
Back Fill – 0.648m2
Base – 0.114m2
Sub Base – 0.684m2
Sub Grade – 0.912m2

NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO-ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

DRAFT STATUS:
18.11.2018

SCALE 1:200
-2 0 2 4 6 8 10 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31-00053-DD-4813-1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD- File No.:

DETAILED DESIGN

PROJECT ROADS

CAMP ROAD

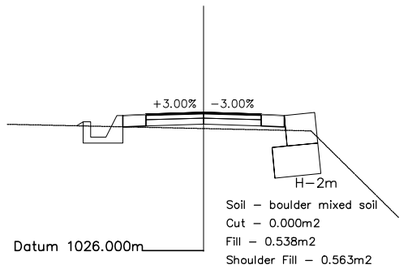
CROSS SECTION
CH 0+270.00-0+350.00

SHEET 4 OF 8
PROJECT DRAWING

Scale A3: 1:200

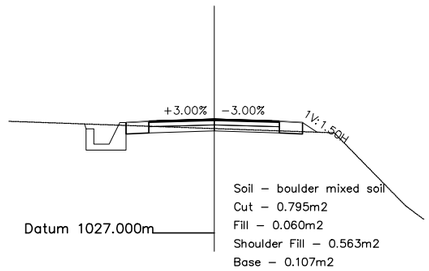
Drwg. No.: 31-00053-DD-5310- Q 1699 REV. —

CH 0+380.00
GL 1029.982 m
DL 1030.500m



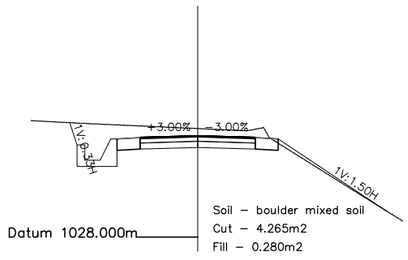
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 0.538m2
Shoulder Fill – 0.563m2
Str. Cut – 2.498m2
Back Fill – 0.578m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+410.00
GL 1030.403 m
DL 1030.700m



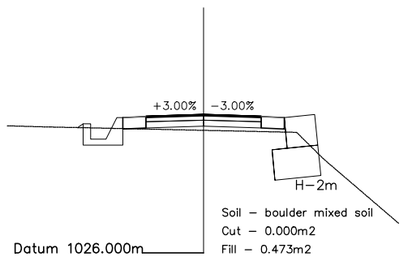
Soil – boulder mixed soil
Cut – 0.795m2
Fill – 0.060m2
Shoulder Fill – 0.563m2
Base – 0.107m2
Sub Base – 0.639m2
Sub Grade – 0.852m2

CH 0+440.00
GL 1031.541 m
DL 1031.300m



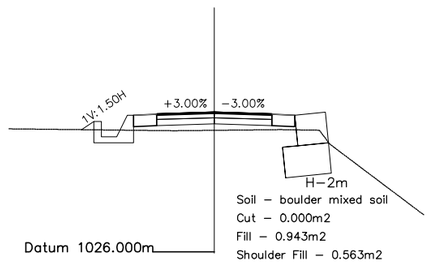
Soil – boulder mixed soil
Cut – 4.265m2
Fill – 0.280m2
Shoulder Fill – 0.563m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+370.00
GL 1029.992 m
DL 1030.500m



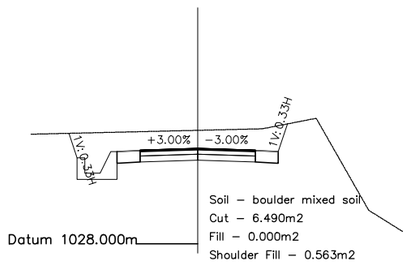
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 0.473m2
Shoulder Fill – 0.563m2
Str. Cut – 2.218m2
Back Fill – 0.473m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+400.00
GL 1029.965 m
DL 1030.550m



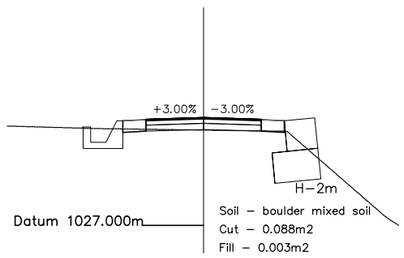
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 0.943m2
Shoulder Fill – 0.563m2
Str. Cut – 2.385m2
Back Fill – 0.495m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+430.00
GL 1031.702 m
DL 1031.100m



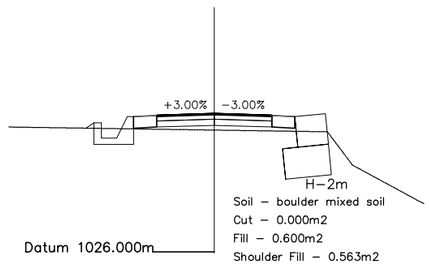
Soil – boulder mixed soil
Cut – 6.490m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+360.00
GL 1030.105 m
DL 1030.500m



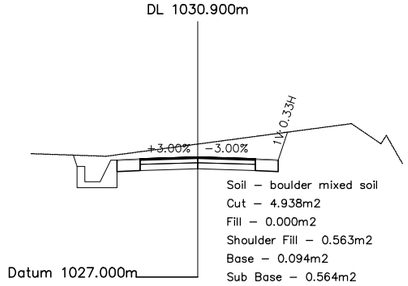
Soil – boulder mixed soil
Cut – 0.088m2
Fill – 0.003m2
Shoulder Fill – 0.563m2
Str. Cut – 2.200m2
Back Fill – 0.528m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+390.00
GL 1029.969 m
DL 1030.500m



Soil – boulder mixed soil
Cut – 0.000m2
Fill – 0.600m2
Shoulder Fill – 0.563m2
Str. Cut – 2.568m2
Back Fill – 0.620m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+420.00
GL 1031.330 m
DL 1030.900m



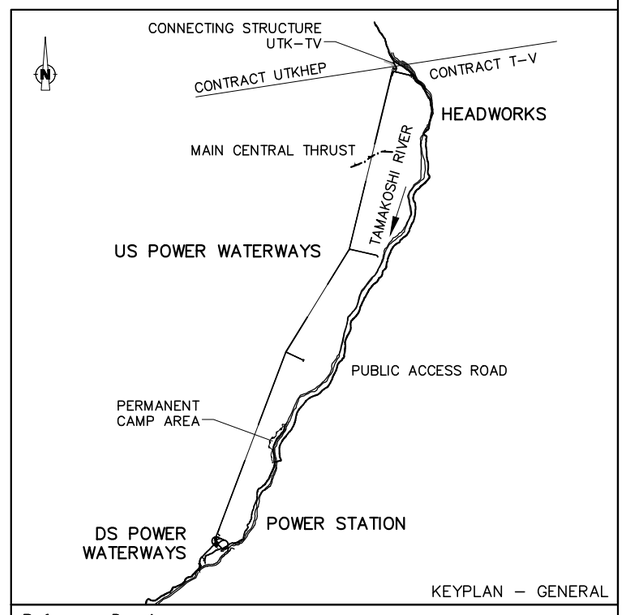
Soil – boulder mixed soil
Cut – 4.938m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO-ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

DRAFT STATUS:
18.11.2018

SCALE 1:200
−2 0 2 4 6 8 10 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31-00053-DD-4813-1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD- File No.:

DETAILED DESIGN

PROJECT ROADS

CAMP ROAD

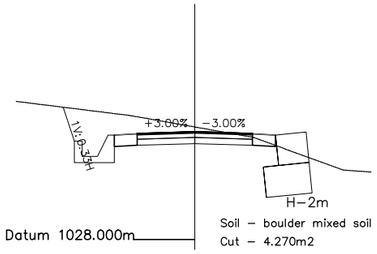
CROSS SECTION
CH 0+360.00-0+440.00

SHEET 5 OF 8
PROJECT DRAWING

Scale A3: 1:200

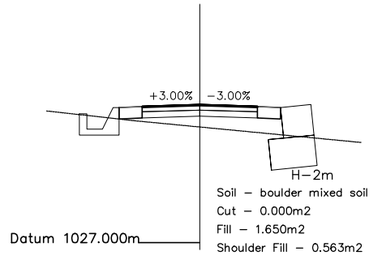
Drwg. No.: 31-00053-DD-5310-Q 1699 REV. —

CH 0+470.00
GL 1031.666 m
DL 1031.500m



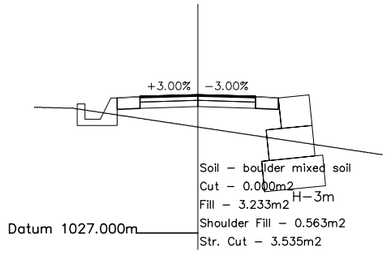
Soil – boulder mixed soil
Cut – 4.270m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Str. Cut – 2.655m2
Back Fill – 0.665m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+500.00
GL 1030.773 m
DL 1031.500m



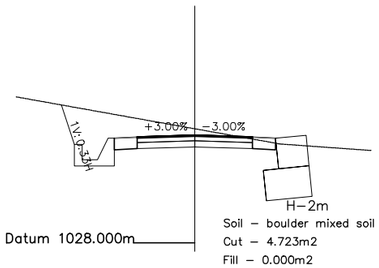
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 1.650m2
Shoulder Fill – 0.563m2
Str. Cut – 1.770m2
Back Fill – 0.273m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+530.00
GL 1030.458 m
DL 1031.500m



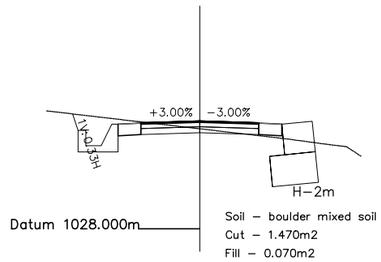
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 3.233m2
Shoulder Fill – 0.563m2
Str. Cut – 3.535m2
Back Fill – 0.688m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+460.00
GL 1031.717 m
DL 1031.500m



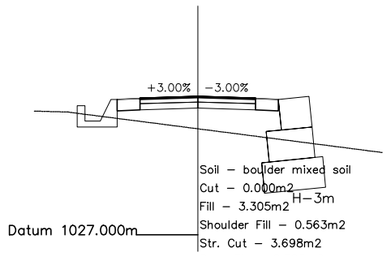
Soil – boulder mixed soil
Cut – 4.723m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Str. Cut – 3.288m2
Back Fill – 0.885m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+490.00
GL 1031.257 m
DL 1031.500m



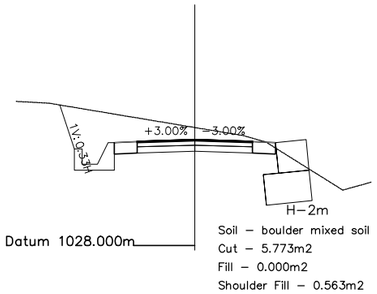
Soil – boulder mixed soil
Cut – 1.470m2
Fill – 0.070m2
Shoulder Fill – 0.563m2
Str. Cut – 2.585m2
Back Fill – 0.673m2
Base – 0.096m2
Sub Base – 0.576m2
Sub Grade – 0.768m2

CH 0+520.00
GL 1030.452 m
DL 1031.500m



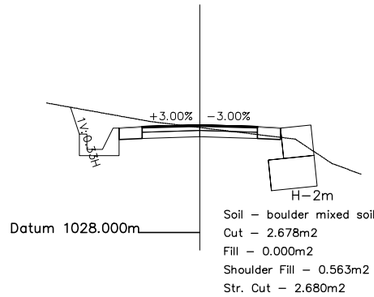
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 3.305m2
Shoulder Fill – 0.563m2
Str. Cut – 3.698m2
Back Fill – 0.763m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+450.00
GL 1031.850 m
DL 1031.450m



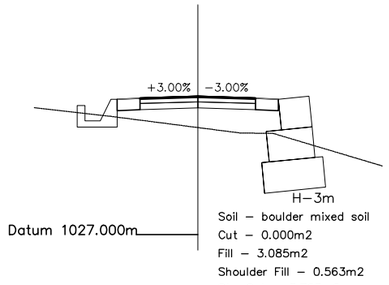
Soil – boulder mixed soil
Cut – 5.773m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Str. Cut – 2.788m2
Back Fill – 0.613m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+480.00
GL 1031.423 m
DL 1031.500m



Soil – boulder mixed soil
Cut – 2.678m2
Fill – 0.000m2
Shoulder Fill – 0.563m2
Str. Cut – 2.680m2
Back Fill – 0.638m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+510.00
GL 1030.487 m
DL 1031.500m



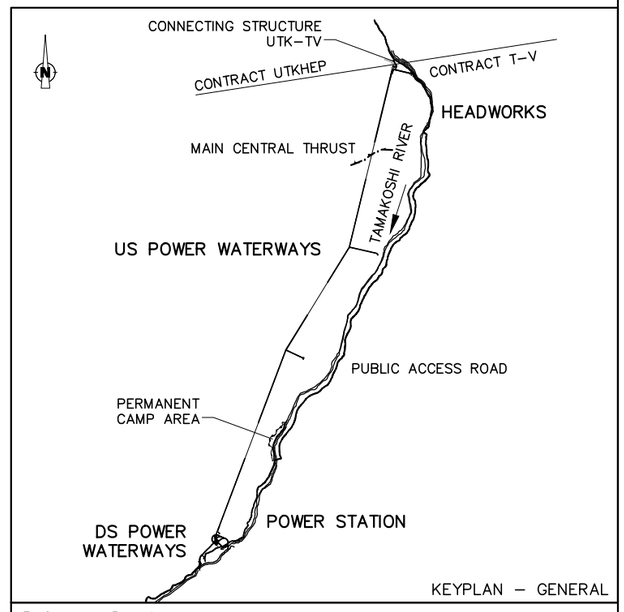
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 3.085m2
Shoulder Fill – 0.563m2
Str. Cut – 3.765m2
Back Fill – 0.735m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO−ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

DRAFT STATUS:
18.11.2018

SCALE 1:200
−2 0 2 4 6 8 10 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31−00053−DD−4813−1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD− File No.:

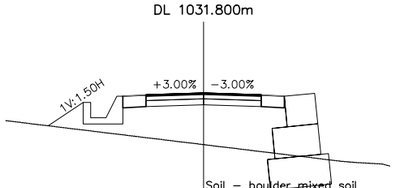
DETAILED DESIGN
PROJECT ROADS
CAMP ROAD
CROSS SECTION
CH 0+450.00−0+530.00
SHEET 6 OF 8
PROJECT DRAWING

Scale A3: 1:200

Drwg. No.: 31−00053−DD−5310− Q 1699 REV. −

CH 0+560.00
GL 1030.130 m

DL 1031.800m

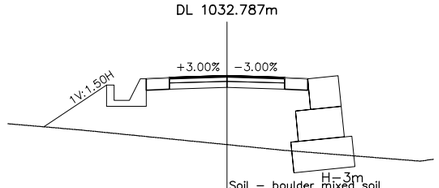


Datum 1027.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 7.193m2
Shoulder Fill – 0.563m2
Str. Cut – 2.185m2
Back Fill – 0.210m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+590.00
GL 1030.549 m

DL 1032.787m

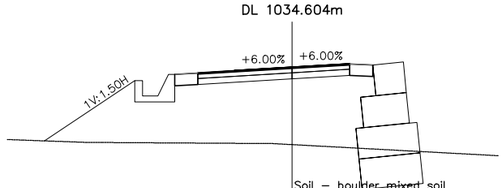


Datum 1027.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 11.870m2
Shoulder Fill – 0.563m2
Str. Cut – 1.103m2
Back Fill – 0.048m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+620.00
GL 1032.086 m

DL 1034.604m

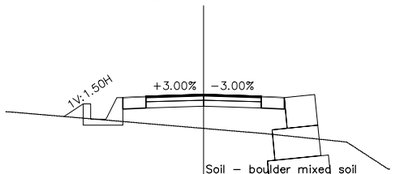


Datum 1029.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 17.658m2
Shoulder Fill – 0.563m2
Str. Cut – 2.640m2
Back Fill – 0.245m2
Base – 0.124m2
Sub Base – 0.744m2
Sub Grade – 0.992m2

CH 0+550.00
GL 1030.480 m

DL 1031.575m

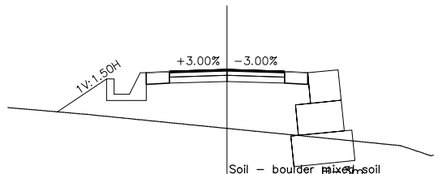


Datum 1027.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 3.755m2
Shoulder Fill – 0.563m2
Str. Cut – 3.878m2
Back Fill – 0.835m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+580.00
GL 1030.496 m

DL 1032.403m

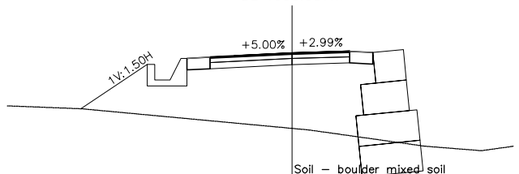


Datum 1027.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 9.268m2
Shoulder Fill – 0.563m2
Str. Cut – 1.810m2
Back Fill – 0.118m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+610.00
GL 1031.433 m

DL 1033.887m

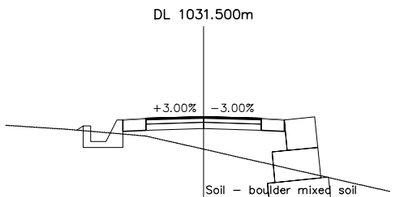


Datum 1028.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 14.620m2
Shoulder Fill – 0.563m2
Str. Cut – 2.318m2
Back Fill – 0.180m2
Base – 0.114m2
Sub Base – 0.684m2
Sub Grade – 0.912m2

CH 0+540.00
GL 1030.453 m

DL 1031.500m

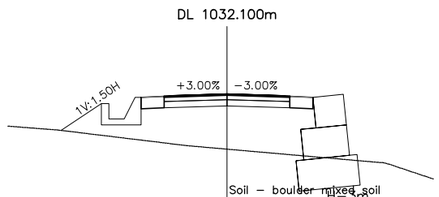


Datum 1027.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 3.223m2
Shoulder Fill – 0.563m2
Str. Cut – 2.915m2
Back Fill – 0.435m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+570.00
GL 1030.313 m

DL 1032.100m

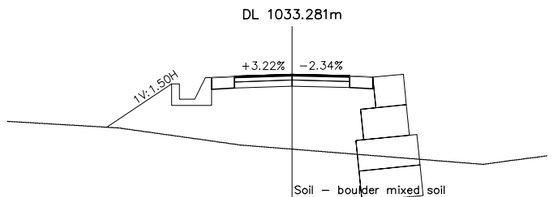


Datum 1027.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 8.568m2
Shoulder Fill – 0.563m2
Str. Cut – 2.143m2
Back Fill – 0.195m2
Base – 0.103m2
Sub Base – 0.615m2
Sub Grade – 0.820m2

CH 0+600.00
GL 1030.854 m

DL 1033.281m



Datum 1027.000m

Soil – boulder mixed soil
Cut – 0.000m2
Fill – 13.150m2
Shoulder Fill – 0.563m2
Str. Cut – 3.058m2
Back Fill – 0.320m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

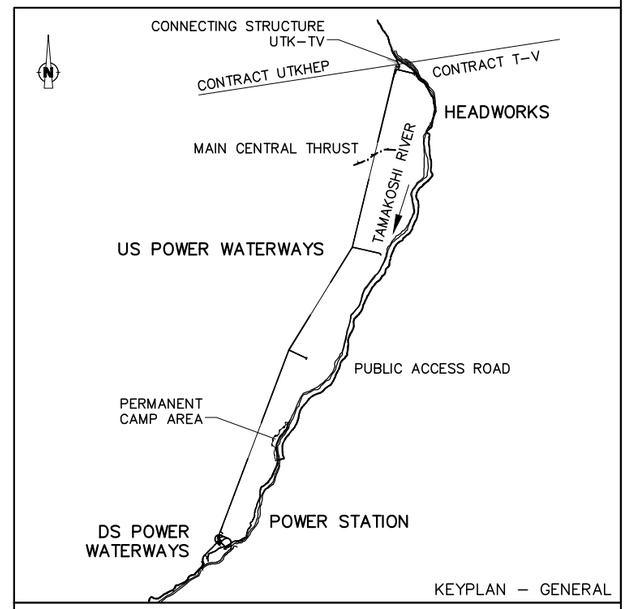
NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO–ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

DRAFT STATUS:
18.11.2018

SCALE 1:200

−2 0 2 4 6 8 10 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31–00053–DD–4813–1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD– File No.:

DETAILED DESIGN

PROJECT ROADS

CAMP ROAD

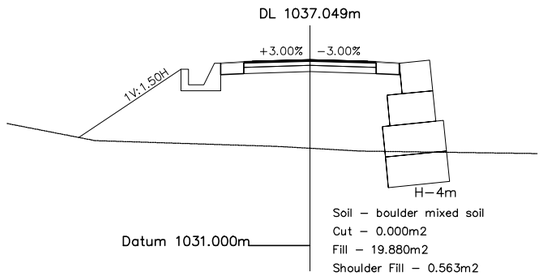
CROSS SECTION
CH 0+540.00–0+620.00

SHEET 7 OF 8
PROJECT DRAWING

Scale A3: 1:200

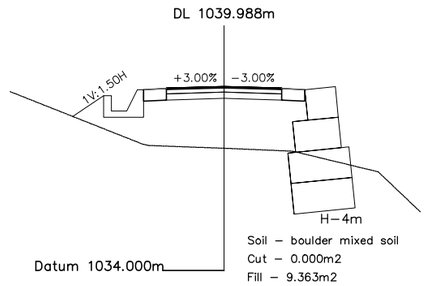
Drwg. No.: 31–00053–DD–5310– Q 1699 REV. –

CH 0+650.00
GL 1034.174 m



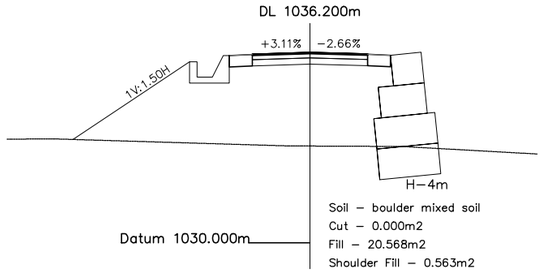
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 19.880m2
Shoulder Fill – 0.563m2
Str. Cut – 2.330m2
Back Fill – 0.200m2
Base – 0.108m2
Sub Base – 0.648m2
Sub Grade – 0.864m2

CH 0+680.00
GL 1037.984 m



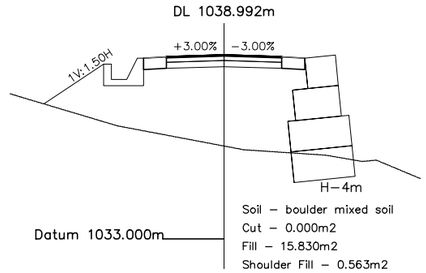
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 9.363m2
Shoulder Fill – 0.563m2
Str. Cut – 3.995m2
Back Fill – 0.505m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+640.00
GL 1033.155 m



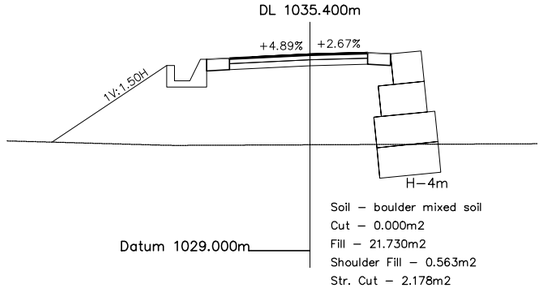
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 20.568m2
Shoulder Fill – 0.563m2
Str. Cut – 2.108m2
Back Fill – 0.165m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+670.00
GL 1036.030 m



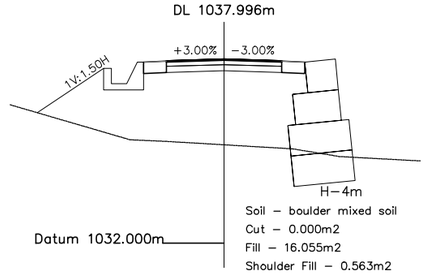
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 15.830m2
Shoulder Fill – 0.563m2
Str. Cut – 1.643m2
Back Fill – 0.080m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+630.00
GL 1032.450 m



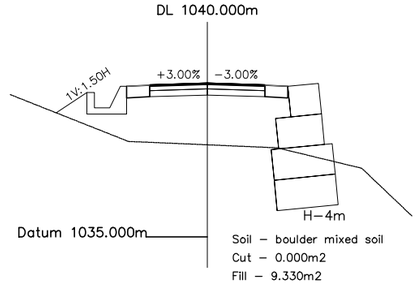
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 21.730m2
Shoulder Fill – 0.563m2
Str. Cut – 2.178m2
Back Fill – 0.188m2
Base – 0.113m2
Sub Base – 0.675m2
Sub Grade – 0.900m2

CH 0+660.00
GL 1035.208 m



Soil – boulder mixed soil
Cut – 0.000m2
Fill – 16.055m2
Shoulder Fill – 0.563m2
Str. Cut – 2.113m2
Back Fill – 0.155m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

CH 0+680.12
GL 1038.002 m



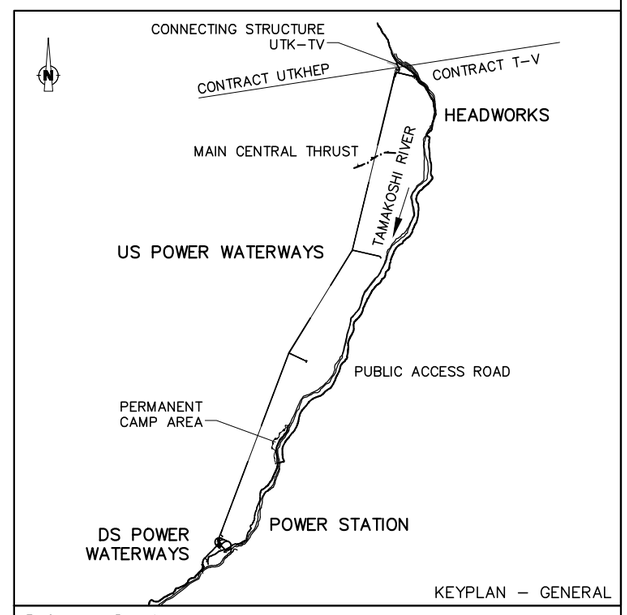
Soil – boulder mixed soil
Cut – 0.000m2
Fill – 9.330m2
Shoulder Fill – 0.563m2
Str. Cut – 3.998m2
Back Fill – 0.495m2
Base – 0.094m2
Sub Base – 0.564m2
Sub Grade – 0.752m2

NOTES:

1. ALL DIMENSIONS ARE IN METERS [m] UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS ARE ABOVE SEA LEVEL IN [masl].
3. CO−ORDINATES BASED ON NATIONAL GEODETIC NETWORK SYSTEM (EVEREST 1830).

DRAFT STATUS:
18.11.2018

SCALE 1:200
−2 0 2 4 6 8 10 [m]



KEYPLAN – GENERAL

Reference Drawings

Drwg. No.	Title
31−00053−DD−4813−1800	PROJECT ROADS, GENERAL, LAYOUT

Revisions		Name	Date	Notes

TAMAKOSHI V HYDROELECTRIC PROJECT
PROJECT DEVELOPMENT DEPARTMENT
ENGINEERING SERVICES DIRECTORATE
NEPAL ELECTRICITY AUTHORITY

LAHMEYER INTERNATIONAL
CONSULTING ENGINEERS
BAD VILBEL, GERMANY

TAMAKOSHI V HYDROELECTRIC PROJECT
DETAILED ENGINEERING DESIGN

	Name	Date
Prepared	B. Khadka	23.10.17
Drawn	B. Khadka	
Checked	Roloff	
Approved	Dr. Moeller	

Replaces Drwg. No:
...

CAD− File No.:

DETAILED DESIGN

PROJECT ROADS

CAMP ROAD

CROSS SECTION
CH 0+630.00−0+680.12
SHEET 8 OF 8
PROJECT DRAWING

Scale A3: 1:200

Drwg. No.: 31−00053−DD−5310− Q 1699 REV. —